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ABSTRACT

This report presents survey data (from 194,182 students at 382 higher education institutions) on the characteristics of students attending American colleges and universities as first-time, full-time freshmen. The normative data presented are reported separately for men and for women and for 35 different groupings of institutions. The major stratifying factors are institutional race (predominantly black versus predominantly white), control (public, private-nonsectarian, Roman Catholic, Protestant), type (university, four-year college, two-year college), and the selectivity level of the institution. A major trend identified by the survey indicates a rise in student activism with more students reporting having been involved in demonstrations and expecting to be further involved in their college years. In addition, the environment and racial discrimination continue to be among the top concerns of students. Student interest in business careers continues a steep decline while interest in teaching (elementary and secondary levels) and nursing continue to rise. Finally, degree aspirations for postgraduate study continue to rise to a record level of 61.1 percent of the freshmen surveyed in 1990. Appendices contain the research methodology, the 1990 Student Information Form, the coding scheme for collapsed items, a list of institutions participating in the Freshmen Survey, and a sample report furnished to the participating campuses. (GLR)

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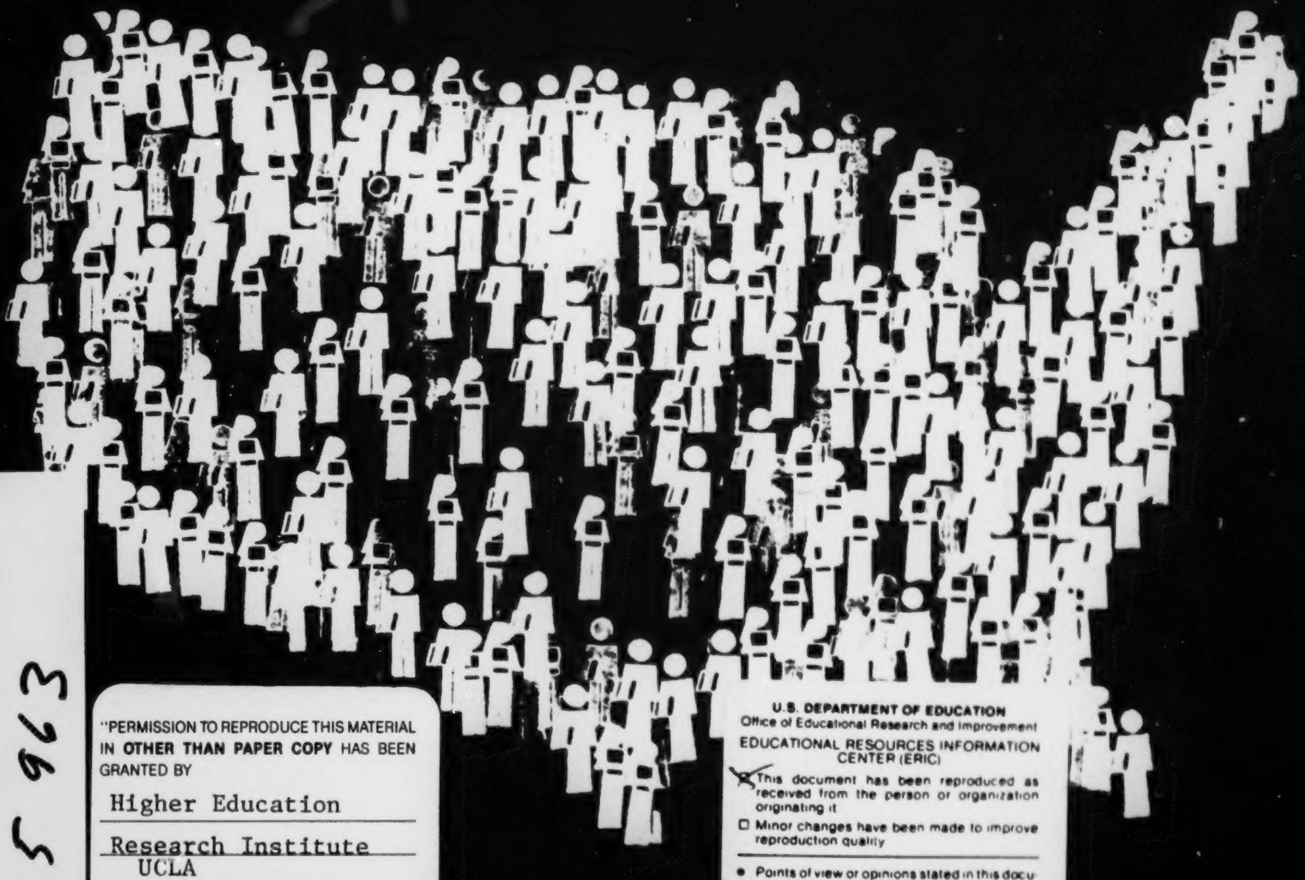
The American Freshman: National Norms For Fall 1990

Alexander W. Astin
William S. Korn
Ellyne R. Berz



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The American Freshman

National Norms for Fall 1990

Prepared by the Staff of the
Cooperative Institutional Research Program

Alexander W. Astin, Professor and Director
William S. Korn, Assoc. Director for Operations
Ellyne R. Berz, HERI Office Manager

Higher Education Research Institute
Graduate School of Education
University of California, Los Angeles

December 1990

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Alexander W. Astin, Professor and Director
William S. Korn, Assoc. Director for Operations
Ellyne R. Berz, HERI Office Manager
Robin Bailey, Staff Associate

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The American Freshman
National Norms for Fall 1990

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The American Freshman

National Norms for Fall 1990

The American Freshman
National Norms for Fall 1990[1]

This is the twenty-fifth annual report of national normative data on the characteristics of students attending American colleges and universities as first-time, full-time freshmen. This series, initiated in Fall 1966, is a project of the Cooperative Institutional Research Program (CIRP), a continuing longitudinal study of the American higher education system sponsored by the American Council on Education (ACE) and the Graduate School of Education at the University of California, Los Angeles.

The principal purpose of the CIRP is to assess the effects of college on students (see Astin, et al., 1966). During the past 25 years the CIRP has generated an array of normative, substantive, and methodological research about a wide range of issues in American higher education.

The freshman data reported here have been weighted to provide a normative profile of the American freshman population for individuals engaged in policy analysis, human resource planning, campus administration, educational research, and guidance and counseling. The data are also useful to the general community of current and future college students, their parents, and college faculty.

The survey instrument, the Student Information Form (see Appendix B), is revised annually to reflect the changing concerns of the academic community and others who use the information. A major purpose of the freshman survey is to provide initial input information for longitudinal research. Follow-up surveys of individual students in each entering freshman cohort are routinely done two and four years after college entry. Longer-term follow-ups are conducted at various intervals depending on funding. The formal research model used in CIRP studies is described in Astin (1991). In recent years longitudinal follow-up studies of CIRP students have been used in major studies of dropouts (Astin, 1975; Dey & Astin, 1989), campus protest (Astin, Astin, Bayer, & Bisconti, 1975), education and work (Bisconti & Solmon, 1976), student development (Astin, 1977), and minority participation in higher education (Astin, 1982). For the results of the most recent follow-up study see Astin, Korn, Dey, and Hurtado (1990).

The normative data presented here are reported separately for men and for women and for 35 different groupings of institutions. The major stratifying factors are institutional race (predominantly black versus predominantly white), control (public, private-nonsectarian, Roman Catholic, Protestant), type (university, four-year college, two-year college), and the "selectivity level" of the institution. (A complete discussion of the CIRP survey methodology, stratification scheme, and weighting procedures are presented in Appendix A.)

---

[1] The 1990 CIRP Freshman Survey was supported in part by a grant from the Ford Foundation.

An Overview of the 1990 Freshman Norms

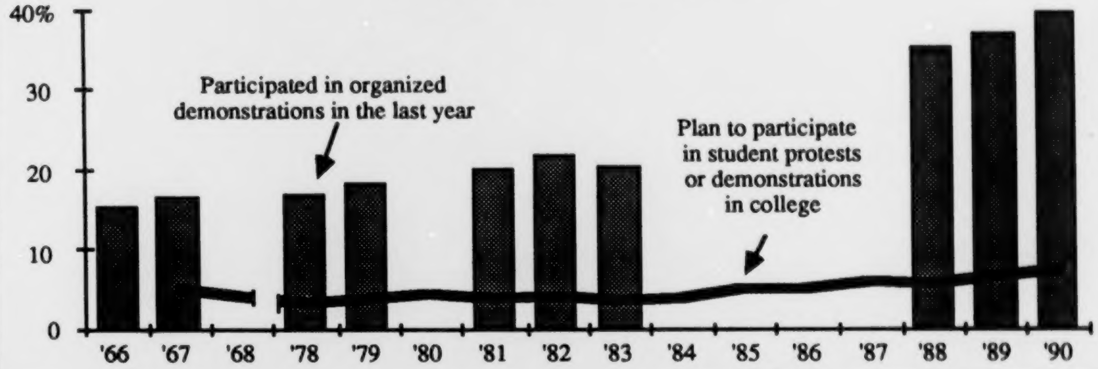
The 1990 CIRP Freshman norms are based on the responses of 194,182 students at 382 of the nation's two- and four-year colleges and universities. These data have been statistically adjusted to reflect the responses of the 1.6 million first-time, full-time students entering college as freshmen in Fall 1990. The sections that follow summarize major trends in the survey between Fall 1966 and Fall 1990.

Rising Student Activism

Record numbers of this year's new college freshmen say they participated in demonstrations during their last year in high school (See Figure 1). The 1990 figure of 39.4 percent is not only higher than the record high of 36.7 percent observed last year, but is also more than double the frequencies observed during the late 1960s (15-16 percent). The number of students who plan to participate in campus protests in college also reached an all-time high (7.1 percent, compared to 6.3 percent in 1989 and only 4.1 percent in 1968).

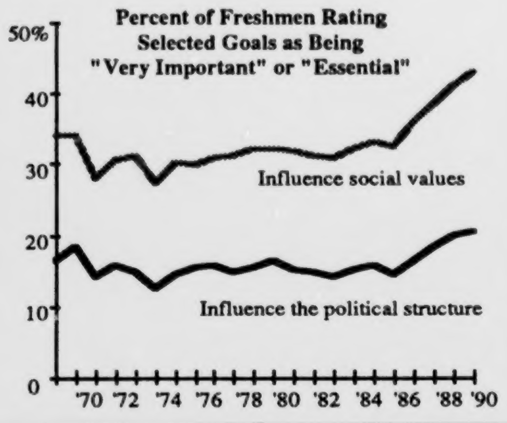
Figure 1

Freshman Interest in Protest



The survey also yielded an all-time high in the numbers of freshmen who say that it is an "essential" or "very important" goal in life to "influence social values" (42.9 percent) or to "influence the political structure" (20.6 percent) (See Figure 2). These trends suggest that there is a rapidly expanding number of American college students who are dissatisfied with the status quo and who want to become personally involved in bringing about change in American society.

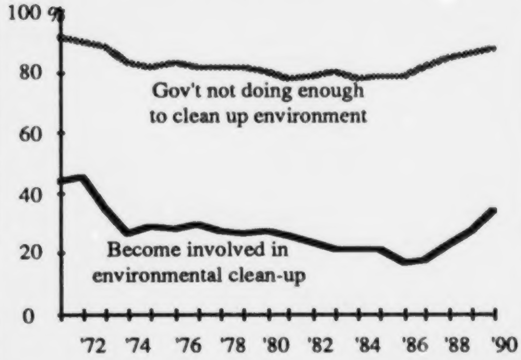
Figure 2



Changing Student Attitudes

The environment and racial discrimination continue to be among the top concerns of students. The number of freshmen who believe that "the federal government is not doing enough to control environmental pollution" continued to rise for the sixth straight year (to 87.9 percent, up from 86.3 percent last year and 77.6 percent, the all-time low, in 1981). Similarly, the percent who say that it is "essential" or "very important" for them personally to "become involved in programs to clean up the environment" jumped to 33.9 percent (up from 26.1 percent in 1989 and the low point of only 15.9 percent in 1986). To find an increase of this size — the percentage of endorsement more than doubled in just four years — is highly unusual (See Figure 3).

Figure 3
Environmental Attitudes of Freshmen



Nearly four students in five (79.4 percent) disagree with the proposition that "racial discrimination is no longer a major problem in America." At the same time, the percentage of students who say that it is "essential" or "very important" for them to "help promote racial understanding" increased for the fourth straight year, reaching an all-time high of 38.0 percent in 1990 (up from a low of 27.2 percent in 1986) (See Figure 4). Support for busing as a means of achieving racial balance in the schools also reached an all-time high of 56.7 percent (compared to 56.0 percent in 1989 and 37.0 percent in 1976).

Figure 4
Racial Attitudes of College Freshmen

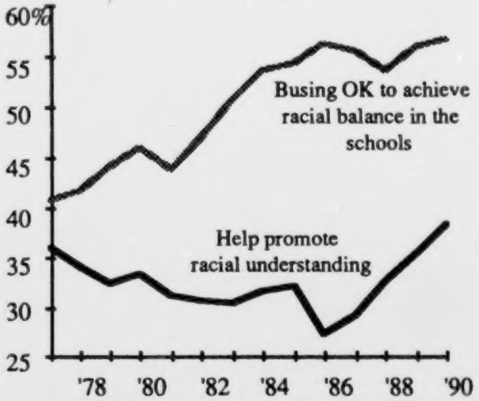
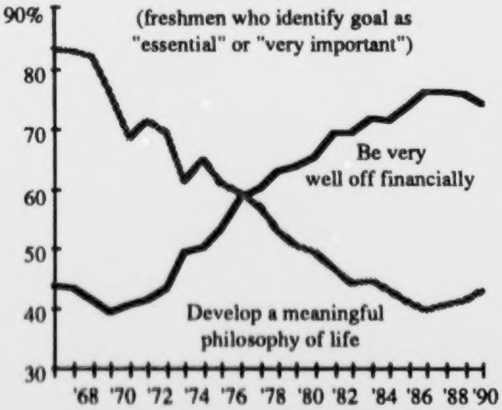


Figure 5
Trends in Freshman Life Goals

(freshmen who identify goal as "essential" or "very important")



Student commitment to "being very well off financially," following a 17-year increase (from 39.1 to 75.6 percent between 1970 and 1987), declined for the second straight year (from 75.4 to 73.7 percent) (See Figure 5). However, endorsement of "to be able to make more money" as a "very important" reason for attending college reached another record high level in the 1990 survey (73.2 percent, compared to 72.2 in 1989 and 49.9 in 1971).

Careers and Majors

Student interest in business careers continued its steep decline, dropping to 18.4 percent of the 1990 freshmen (compared to 21.8 percent in 1989 and 24.6 percent in 1987, the peak year). Interest in business-related majors showed a similar decline, to 21.1 percent, compared to 24.5 percent in 1989 and 27.3 percent in 1987 (See Figure 6). These trends suggest that the continuing revelations about scandals in Wall Street, defense contracting, and the savings and loan industry may be having a negative effect on student interest in the field of business. Interest in engineering careers dropped to 8.1 percent, (from 9.0 percent in 1989 and 12.0 percent in 1982), the lowest level in fourteen years (the 1976 figure was 7.8 percent).

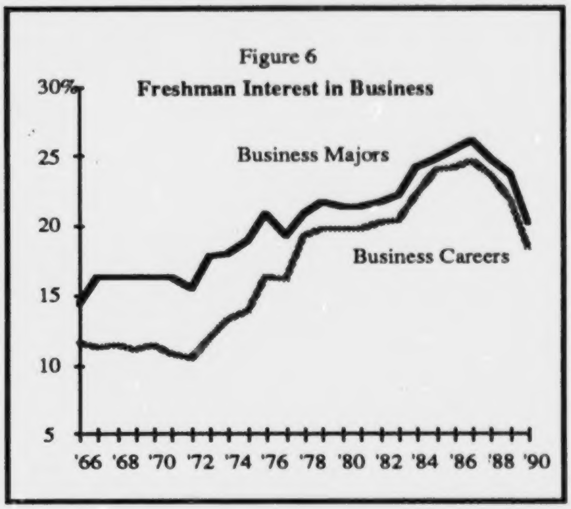


Figure 6
Freshman Interest in Business

Interest in elementary and secondary school teaching careers continued its gradual rise, totalling 9 percent of the 1990 freshmen (up from 8.2 percent in 1989 and the low point of 4.7 percent in 1982) (See Figure 7), although the current level is still far below that of the late 1960s, when 22-24 percent of the freshmen aspired to teaching careers. Interest in nursing careers also increased for the third straight year (3.8 percent, compared to 2.7 percent in 1989 and 2.2 percent in 1987).

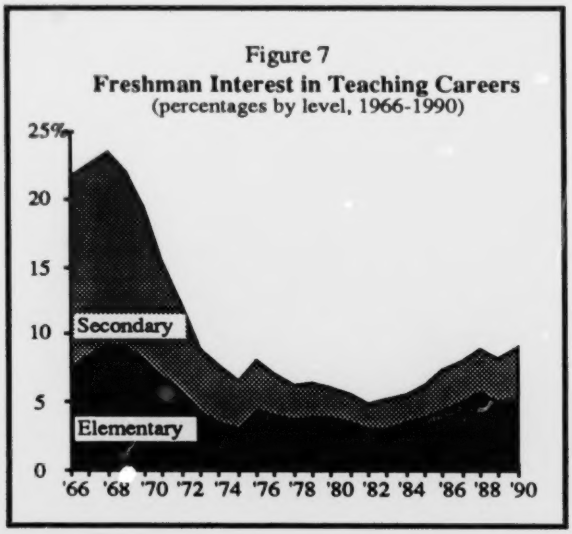
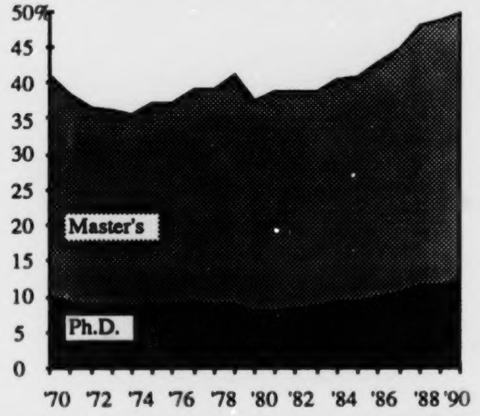


Figure 7
Freshman Interest in Teaching Careers
(percentages by level, 1966-1990)

Degree Aspirations

Aspirations for postgraduate study, which have been increasing regularly over the past five years, reached another record level of 61.1 percent of the freshmen surveyed in 1990. While interest in law and medical degrees remained just below previous record levels, the popularity of both the master's and doctoral degrees reached all-time highs (37.2 percent and 12.4 percent, respectively) (See Figure 8). The remarkable popularity of the doctoral degree is puzzling, considering that students continue to show little interest in careers in scientific research (1.4 percent) and college teaching (0.4 percent), two fields where the Ph.D. is likely to be required. It may be that these high levels of degree aspiration are more reflective of a strong need for achievement and status than a switch in career interests, since the students' self-rating on "drive to achieve" also reached record high levels. Nearly two-thirds (66.3 percent) of the 1990 freshmen, compared to 64.1 percent in 1989 and 52.4 percent in 1971, now rate themselves above average in drive to achieve.

Figure 8
Freshman Degree Aspirations



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The 1990 Freshman Norms

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Year Graduated from High School															
1990	92.9	87.1	95.0	97.6	91.0	86.7	91.4	94.3	96.1	95.5	97.3	97.3	98.6	90.7	91.8
1989	3.4	5.6	2.8	1.4	5.7	5.8	3.7	3.1	2.4	2.6	1.4	1.6	0.8	5.7	5.7
1988	1.0	1.6	0.8	0.3	1.5	1.6	1.7	0.9	0.5	0.5	0.4	0.4	0.2	1.8	0.7
1987 or earlier	1.8	3.5	1.1	0.6	1.5	3.7	1.6	1.2	0.7	1.0	0.7	0.6	0.2	1.6	1.3
H.S. equivalency (G.E.D. test)	0.7	1.7	0.4	0.1	0.3	1.7	1.1	0.4	0.2	0.3	0.2	0.1	0.0	0.2	0.5
never completed high school	0.2	0.5	0.1	0.1	0.0	0.6	0.4	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Age on December 31, 1990															
16 or younger	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.0
17	1.7	1.4	1.7	2.3	3.1	1.4	1.2	1.5	2.4	1.2	1.6	2.1	3.1	2.5	4.6
18	63.6	55.3	66.3	70.7	62.2	55.5	53.4	65.8	68.9	64.1	68.1	70.3	72.0	62.0	62.7
19	28.5	31.9	27.9	24.9	27.0	31.5	36.3	28.0	25.4	30.5	27.3	25.3	23.7	27.1	26.9
20	3.2	5.4	2.4	1.3	4.8	5.4	5.8	2.6	2.1	2.6	2.0	1.4	0.8	5.4	3.5
21-24	1.8	3.2	1.2	0.6	2.5	3.2	2.5	1.4	0.9	1.0	0.7	0.7	0.3	2.6	2.3
25-29	0.6	1.4	0.3	0.1	0.2	1.5	0.5	0.3	0.2	0.3	0.1	0.1	0.1	0.2	0.1
30-39	0.5	1.2	0.2	0.0	0.1	1.2	0.1	0.2	0.0	0.2	0.1	0.0	0.0	0.1	0.0
40-54	0.1	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55 or older	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Racial Background (1)(2)															
White/Caucasian	85.2	91.0	80.1	85.1	1.7	92.3	78.4	78.8	79.7	82.8	87.8	86.3	81.5	2.2	0.5
Black/African-American	8.5	4.9	14.4	4.6	96.2	3.9	14.8	16.3	12.4	13.4	3.4	4.8	3.8	95.3	98.5
American Indian	1.2	1.1	1.5	0.8	1.0	1.0	1.4	1.8	0.9	0.9	0.5	0.9	0.8	0.9	1.1
Asian-American/Oriental	3.1	1.4	2.3	6.6	0.6	1.2	3.4	1.8	4.4	1.7	2.3	5.8	9.4	0.8	0.0
Mexican-American/Chicano	1.4	1.0	1.3	2.2	0.2	1.0	0.9	1.3	1.0	0.9	3.3	1.8	3.4	0.2	0.1
Puerto Rican-American	0.5	0.4	0.5	0.6	0.3	0.4	0.8	0.4	0.8	0.4	1.5	0.6	0.7	0.2	0.4
other	1.8	1.6	1.8	2.1	1.6	1.5	2.4	1.4	3.0	1.5	2.6	1.8	3.3	1.9	1.0
Average High School Grade															
A or A+	8.9	2.8	8.9	17.3	1.1	2.8	2.0	8.3	11.3	8.7	7.2	13.1	31.1	1.0	1.3
A-	11.2	5.4	11.8	18.2	1.9	5.5	3.8	10.9	14.9	11.8	11.8	16.6	23.4	1.5	2.8
B+	16.5	12.8	17.0	20.9	9.2	13.3	7.4	16.1	19.4	16.5	19.2	21.0	20.6	8.3	11.2
B	24.3	25.3	24.4	22.8	19.6	26.2	16.0	24.6	24.6	22.6	26.4	24.8	16.3	18.5	22.1
B-	16.2	19.8	15.9	11.7	20.4	19.9	18.9	16.4	14.4	15.9	16.5	13.5	6.0	20.2	20.9
C+	13.8	19.5	13.5	6.4	26.4	19.0	24.7	14.4	10.2	14.7	12.0	7.7	2.1	27.1	24.9
C	8.6	13.5	8.0	2.5	19.9	12.5	24.3	8.8	5.0	9.1	6.6	3.2	0.5	22.0	14.8
D	0.5	0.9	0.4	0.1	1.7	0.7	2.9	0.4	0.2	0.7	0.2	0.1	0.0	1.5	2.1
Miles from College to Home															
5 or less	5.9	8.2	5.4	3.7	5.1	8.1	8.4	5.9	3.3	5.1	7.7	4.1	2.5	4.6	6.3
6-10	5.9	7.8	4.9	5.1	5.3	7.9	6.7	5.2	3.2	4.2	8.5	5.6	3.4	5.8	4.3
11-50	24.4	28.4	23.2	20.8	20.1	29.0	21.7	26.8	16.1	16.7	25.4	23.0	13.5	24.2	10.4
51-100	18.4	19.6	17.6	18.1	14.2	19.9	15.9	18.7	14.5	17.7	14.8	21.0	8.8	15.0	12.3
101-500	32.6	26.8	34.1	38.3	33.9	26.6	29.0	33.7	33.4	37.8	32.2	39.0	36.1	36.7	27.4
more than 500	12.7	9.3	14.8	14.0	21.3	8.5	18.3	9.7	29.5	18.5	11.5	7.2	35.7	13.7	39.4

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Estimated Parental Income															
less than $6,000	2.4	2.7	2.7	1.5	7.2	2.6	3.6	2.8	2.5	2.6	2.4	1.7	1.2	6.1	9.7
$6,000-$9,999	2.3	2.8	2.4	1.4	6.9	2.7	3.5	2.6	1.9	2.5	1.7	1.6	0.9	7.2	6.3
$10,000-$14,999	3.9	4.9	3.9	2.6	8.6	4.9	5.0	4.2	3.4	3.6	3.6	2.8	1.9	9.2	7.4
$15,000-$19,999	4.7	5.9	4.7	3.0	8.4	6.0	4.6	5.1	3.9	4.7	3.8	3.2	2.2	8.6	7.8
$20,000-$24,999	6.5	7.9	6.4	4.6	9.3	8.1	6.6	6.6	5.4	7.5	5.2	5.0	3.2	8.8	10.4
$25,000-$29,999	6.1	6.4	6.5	5.1	8.5	6.4	7.3	6.9	5.5	6.5	5.0	5.6	3.4	8.5	8.6
$30,000-$34,999	8.2	9.1	8.1	6.9	8.3	9.2	8.3	8.6	7.1	8.2	6.6	7.5	4.8	7.6	9.8
$35,000-$39,999	8.7	10.1	8.7	7.0	7.9	10.2	9.3	9.2	7.5	8.5	6.9	7.6	4.9	7.1	9.6
$40,000-$49,999	13.4	14.7	13.2	11.8	9.2	15.0	11.2	14.3	10.8	11.9	12.2	12.8	8.9	9.7	8.0
$50,000-$59,999	12.1	11.5	12.1	12.8	6.1	11.6	10.1	12.6	11.6	10.4	12.6	13.6	10.1	6.2	5.9
$60,000-$74,999	12.2	10.5	12.4	14.0	9.8	10.5	10.7	12.8	12.1	10.9	13.4	14.2	13.3	10.8	7.7
$75,000-$99,999	8.7	6.6	8.6	11.9	6.5	6.5	7.5	8.1	10.0	8.7	10.3	11.2	14.1	7.0	5.5
$100,000-$149,999	5.8	3.8	5.5	8.8	2.5	3.6	5.1	4.1	8.5	6.9	8.3	7.4	13.3	2.7	2.0
$150,000 or more	5.1	3.1	4.7	8.6	0.8	2.7	7.2	2.2	10.0	7.1	8.0	5.7	17.8	0.6	1.3
Status of Parents															
living with each other	73.2	71.2	72.7	76.7	47.1	71.2	70.9	71.6	72.9	74.8	78.4	75.6	80.3	46.9	47.8
divorced or separated	21.7	22.3	22.7	19.4	44.2	22.3	22.7	23.8	22.3	20.4	17.5	20.5	16.2	44.5	43.3
one or both deceased	5.1	6.5	4.6	3.8	8.7	6.5	6.4	4.5	4.7	4.8	4.1	3.9	3.5	8.6	8.9
Have Met or Exceeded Recommended Years of High School Study (3)															
English (4 years)	95.9	94.3	96.0	98.0	96.6	94.4	92.6	95.2	97.9	96.2	98.1	97.7	98.9	96.5	96.8
mathematics (3 years)	92.6	86.2	94.6	98.2	92.4	86.0	88.2	93.6	97.4	94.3	96.7	97.9	99.2	91.8	93.7
foreign language (2 years)	73.4	57.5	76.4	90.2	61.7	57.3	59.1	70.8	88.2	80.1	88.9	88.2	96.7	60.2	65.2
physical science (2 years)	53.4	44.7	53.8	64.7	38.5	45.1	40.4	51.3	62.5	52.1	56.7	63.7	68.1	39.8	35.3
biological science (2 years)	32.0	27.0	34.5	35.0	30.5	26.8	29.3	34.1	34.4	36.9	32.9	35.0	35.2	30.0	31.6
history/American govt (1 year)	98.8	98.1	99.1	99.3	98.5	98.1	98.3	99.1	99.1	99.0	99.1	99.3	99.4	99.0	97.6
computer science (1/2 year)	57.1	52.7	59.4	59.7	49.5	52.8	51.0	59.7	60.7	55.6	62.4	58.8	62.4	46.3	56.7
arts and/or music (1 year)	68.2	69.8	66.3	68.9	65.9	70.6	61.9	64.8	68.9	67.9	69.5	69.4	67.1	65.7	66.4
Racial Composition of Student's High School															
completely white	16.1	19.6	14.7	13.6	2.2	20.1	14.5	15.8	12.3	13.5	13.9	14.9	9.6	2.0	2.6
mostly white	60.3	58.9	58.5	65.1	25.1	59.7	49.8	56.4	63.0	57.4	67.8	64.6	66.8	24.1	27.3
roughly half non-white	16.8	16.9	17.8	15.4	28.0	15.9	26.5	18.3	15.7	20.6	12.1	14.9	17.1	29.3	24.7
mostly non-white	5.3	4.0	6.8	5.0	29.6	3.6	7.4	7.2	6.3	6.0	5.2	4.8	5.6	31.3	25.7
completely non-white	1.4	0.7	2.3	0.8	15.2	0.6	1.8	2.3	2.8	2.5	1.0	0.8	0.9	13.2	19.7
Racial Composition of Student's Neighborhood															
completely white	40.4	46.9	37.2	36.3	2.4	47.8	37.4	38.4	33.0	36.6	39.7	37.8	31.5	2.3	2.5
mostly white	44.0	41.5	41.9	50.4	11.2	41.6	40.4	40.0	45.8	43.4	46.4	49.4	53.7	11.8	9.8
roughly half non-white	6.2	5.0	7.1	6.4	15.8	4.7	8.4	7.1	7.3	7.3	6.5	6.1	7.6	16.5	14.3
mostly non-white	5.6	4.0	7.5	4.8	34.2	3.7	7.4	7.9	7.8	6.8	4.9	4.6	5.2	33.5	35.9
completely non-white	3.9	2.6	6.2	2.1	36.4	2.3	6.3	6.6	6.0	5.9	2.6	2.1	2.0	35.9	37.5

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Activities Engaged in by Student During the Past Year															
attended a religious service....	79.7	75.5	83.2	80.2	88.9	74.6	84.7	82.8	78.3	88.9	88.8	78.8	84.5	87.7	91.6
was bored in class (4)..........	29.1	24.0	29.8	34.8	17.4	23.8	26.5	29.7	30.5	29.9	29.2	34.6	35.6	17.8	16.2
participated in demonstrations..	37.5	37.7	39.4	34.1	54.0	37.0	44.9	39.8	37.5	40.4	38.6	35.3	30.1	51.2	60.8
won varsity letter in sports....	59.5	53.4	64.3	60.3	59.4	52.3	65.4	63.7	62.1	68.6	67.8	59.7	62.3	61.2	55.1
didn't complete homework on time	72.6	72.8	73.5	70.7	72.5	72.3	78.6	72.7	74.2	75.8	74.1	71.9	67.1	71.8	74.1
tutored another student.........	44.4	33.5	46.4	56.4	44.4	33.7	31.1	45.4	50.5	45.5	45.6	53.5	65.8	40.8	52.9
did extra class work/reading (4)	8.4	6.9	9.1	9.6	13.3	6.7	8.4	8.8	10.3	9.2	8.6	8.8	12.1	12.2	15.8
studied with other students.....	82.8	77.8	84.4	87.1	84.0	77.3	83.0	84.0	84.6	85.9	84.7	86.4	89.3	82.2	88.1
was a guest in a teacher's home.	30.1	28.1	32.1	29.8	27.7	27.6	33.1	31.3	31.9	37.4	28.4	28.3	34.6	27.2	28.8
smoked cigarettes (4)...........	9.1	13.4	6.9	6.5	1.5	13.8	9.3	6.7	7.3	6.5	9.1	6.9	5.1	1.2	2.3
drank beer......................	65.8	70.6	61.8	65.4	40.7	71.7	58.9	62.1	62.2	55.4	72.8	66.2	63.0	41.9	37.9
drank wine or liquor............	55.5	56.1	53.5	57.9	32.2	56.8	49.2	52.9	55.7	49.1	63.1	57.9	57.9	32.2	32.1
stayed up all night.............	79.2	79.3	78.9	79.4	77.6	79.3	79.4	79.4	78.8	77.2	79.2	80.0	77.5	77.9	77.0
spoke other language at home (4)	5.5	3.5	5.4	8.4	4.4	3.2	6.6	4.3	8.5	4.5	8.2	7.6	11.2	4.6	3.9
felt overwhelmed (4)............	13.0	11.6	13.2	14.7	15.1	11.4	13.9	12.7	14.0	14.0	14.5	14.4	15.6	16.0	13.1
felt depressed (4)..............	5.9	5.5	6.2	6.0	8.5	5.4	6.6	6.2	6.2	6.5	6.1	6.2	5.5	9.2	6.9
studied in library (4)..........	8.8	7.8	9.3	9.5	15.4	7.8	7.7	8.6	11.0	9.8	9.6	8.9	11.5	12.6	22.1
performed volunteer work........	60.5	56.7	61.7	63.9	55.7	56.6	58.4	59.5	64.0	66.9	66.0	61.1	72.9	51.8	65.0
visited art gallery or museum...	50.8	44.7	52.1	57.4	53.0	44.1	50.2	49.0	59.8	53.8	54.4	55.1	64.8	51.8	55.9
took vitamins...................	54.7	53.4	56.2	54.0	57.8	52.9	58.2	55.7	56.3	58.5	56.8	53.4	55.8	57.0	59.8
came late to class..............	58.9	55.0	60.1	62.5	60.2	54.4	60.6	58.4	63.3	61.8	63.0	61.8	64.7	60.9	58.5
wore glasses or contact lenses..	41.7	38.1	41.5	46.9	35.6	38.4	35.9	40.3	43.0	43.4	45.5	46.1	49.4	34.3	38.7
played a musical instrument.....	35.5	31.5	36.7	39.2	37.3	31.3	33.3	35.5	39.2	39.5	33.8	38.8	40.3	35.5	41.6
checked out book from sch lib(4)	22.2	18.6	23.8	24.8	26.7	18.4	20.7	23.3	25.0	24.7	22.6	24.0	27.4	24.6	31.6
asked teacher for advice (4)....	25.5	21.3	27.9	27.6	35.1	20.9	25.9	26.2	30.2	31.4	29.4	26.4	31.7	31.6	43.1
Student's Religious Preference															
Baptist.........................	17.0	17.4	22.0	8.5	59.1	16.2	29.7	24.8	14.1	28.5	2.8	8.3	9.2	60.6	55.5
Buddhist........................	0.5	0.4	0.4	0.7	0.3	0.4	0.6	0.3	0.6	0.3	0.5	0.7	0.8	0.3	0.4
Congregational..................	1.2	1.2	1.1	1.2	0.4	1.1	1.2	1.1	1.8	0.9	0.4	1.3	0.9	0.4	0.4
Eastern Orthodox................	0.6	0.5	0.4	0.9	0.2	0.5	0.5	0.3	0.8	0.4	0.4	0.9	1.0	0.2	0.0
Episcopal.......................	2.2	2.1	2.3	2.4	1.2	2.1	1.5	1.6	3.3	4.1	1.5	2.2	3.1	0.9	1.8
Islamic.........................	0.4	0.2	0.6	0.5	2.6	0.2	0.1	0.4	1.0	0.6	0.4	0.5	0.6	2.0	4.1
Jewish..........................	2.4	1.3	1.5	5.3	0.0	1.4	0.5	1.1	4.1	0.8	0.3	4.8	7.1	0.0	0.0
LDS (Mormon)....................	0.3	0.3	0.3	0.4	0.0	0.3	0.5	0.4	0.3	0.3	0.0	0.4	0.2	0.0	0.0
Lutheran........................	5.7	4.7	6.1	6.4	0.7	4.3	9.2	7.2	3.4	6.3	3.5	7.3	3.5	0.8	0.5
Methodist.......................	9.1	10.6	8.6	7.7	9.6	10.5	12.0	9.6	5.8	10.8	2.0	8.3	6.0	10.0	8.6
Presbyterian....................	4.5	4.7	4.2	4.8	1.9	4.7	3.9	3.5	5.3	7.1	1.6	4.8	4.8	2.0	1.8
Quaker..........................	0.2	0.2	0.2	0.3	0.0	0.2	0.3	0.2	0.4	0.4	0.2	0.3	0.2	0.0	0.0
Roman Catholic..................	32.3	33.4	29.6	35.2	7.3	34.7	19.4	28.4	30.1	15.0	74.7	33.7	40.1	7.3	7.3
Seventh Day Adventist...........	0.2	0.1	0.3	0.3	1.0	0.1	0.3	0.3	0.3	0.2	0.3	0.3	0.2	1.0	0.8
other Protestant................	4.8	5.3	4.8	4.1	1.4	5.4	4.2	4.1	6.1	7.0	2.3	4.1	4.0	1.1	2.1
other religion..................	4.9	4.9	5.5	4.2	7.7	4.7	7.2	5.2	5.1	8.5	2.4	4.4	3.5	7.3	8.7
none............................	13.6	12.7	12.1	17.1	6.6	13.1	8.8	11.7	17.6	8.8	6.7	17.8	14.8	6.0	8.0
Born-Again Christian?															
no..............................	73.2	71.8	69.0	81.8	52.3	73.1	58.3	68.1	76.2	54.9	89.6	81.8	81.8	53.6	49.5
yes.............................	26.8	28.2	31.0	18.2	47.7	26.9	41.7	31.9	23.8	45.1	10.4	18.2	18.2	46.4	50.5

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
High School Accomplishments															
pres of 1 or more student orgs..	18.4	12.8	20.4	22.9	18.1	12.4	16.7	18.8	23.0	24.5	19.3	20.1	32.2	16.1	22.9
rated high in music contest.....	9.4	5.4	11.1	12.4	8.3	5.1	9.0	11.2	9.7	14.2	7.2	12.4	12.7	6.8	12.2
in speech/debate contest........	5.7	3.6	6.0	7.9	4.3	3.5	4.5	5.5	7.1	7.3	5.6	6.5	12.3	3.0	7.3
had a major part in a play......	12.0	9.4	13.6	13.2	12.6	9.1	12.2	12.4	14.9	17.7	12.1	12.3	16.0	10.1	18.6
won award in art competition....	9.2	8.6	9.4	9.6	9.4	8.5	9.3	9.0	11.0	9.5	8.3	9.8	8.8	9.8	8.3
edited a school publication.....	9.0	5.5	10.3	12.0	6.1	5.3	6.8	9.2	12.8	11.5	10.9	10.3	17.3	5.5	7.4
had original writing published..	11.7	6.8	13.2	16.2	9.9	6.5	9.5	11.7	16.2	15.0	14.3	14.8	20.9	9.4	11.0
won award in science contest....	5.5	3.5	5.6	8.3	4.0	3.5	3.3	5.3	7.1	5.3	3.7	7.2	11.8	2.8	6.9
member of scholastic honor soc..	25.1	11.8	26.9	40.8	12.0	11.9	10.2	25.1	32.7	27.9	24.8	35.4	58.1	10.7	15.2
Student Rated Self Above Average or Highest 10% in															
academic ability...............	57.5	37.4	60.8	80.2	40.9	37.7	34.3	58.5	69.1	59.6	61.4	77.5	88.9	37.5	49.0
artistic ability...............	27.8	25.9	27.0	31.6	25.5	25.9	24.9	26.0	31.0	26.5	25.2	31.4	32.1	25.0	26.8
competitiveness................	67.8	60.5	70.2	74.2	65.4	59.9	66.5	70.7	68.1	70.7	70.7	73.0	78.2	64.3	67.8
cooperativeness................	67.9	63.5	69.6	71.3	67.5	63.4	64.6	68.5	71.8	71.7	69.9	70.3	74.7	66.0	71.1
drive to achieve...............	67.7	60.6	69.5	74.6	69.5	60.6	59.8	68.8	71.5	70.1	69.3	72.2	82.5	66.7	76.1
emotional health...............	63.3	57.9	65.1	68.0	67.1	57.3	64.2	64.8	65.0	66.6	64.8	66.9	71.4	66.2	69.4
leadership ability.............	56.5	49.6	59.0	61.9	56.2	48.9	56.9	58.1	59.9	61.6	60.0	59.9	68.3	54.1	61.4
mathematical ability...........	45.5	33.1	45.9	61.9	29.4	34.0	23.7	45.2	51.9	41.1	44.7	59.9	68.3	27.5	34.1
physical health................	69.9	64.9	71.9	73.7	69.4	64.3	71.1	72.2	70.3	72.2	72.9	73.6	74.1	69.1	69.9
popularity.....................	50.3	46.0	51.4	54.6	52.1	45.4	51.6	51.8	49.3	52.0	53.4	53.8	57.4	52.3	51.6
popularity with opposite sex....	48.4	45.4	49.7	50.6	56.9	45.0	49.6	49.9	48.0	50.8	51.5	50.3	51.6	56.9	56.9
public speaking ability.........	30.5	22.5	32.5	38.2	30.9	22.2	25.9	30.8	35.2	35.3	35.0	35.2	47.9	28.2	37.4
self-confidence (intellectual)..	56.8	45.1	59.7	68.5	60.0	44.8	48.3	58.7	63.1	59.6	58.9	65.9	77.0	57.2	66.7
self-confidence (social)........	49.3	44.7	50.9	53.2	57.7	44.2	50.3	50.8	50.2	51.7	51.8	52.3	56.0	57.0	59.4
understanding of others.........	63.0	57.3	65.0	68.0	63.6	56.8	61.8	63.7	66.9	67.0	66.6	66.8	72.0	61.5	68.8
writing ability................	37.1	25.5	39.5	49.4	36.8	25.2	28.8	37.4	45.6	40.1	40.6	46.2	60.0	35.4	40.1
Prior Credit at This Institution															
no.............................	96.2	94.9	96.8	96.9	96.6	94.6	98.0	97.0	96.6	96.8	96.2	96.7	97.4	98.1	93.1
yes............................	3.8	5.1	3.2	3.1	3.4	5.4	2.0	3.0	3.4	3.2	3.8	3.3	2.6	1.9	6.9
This College is Student's															
first choice...................	70.4	68.8	70.0	73.2	51.4	70.0	55.4	70.2	70.5	69.0	69.6	73.0	74.0	50.2	54.3
second choice..................	22.0	23.2	22.2	20.2	31.7	22.6	29.0	22.3	21.9	21.7	23.1	20.6	19.2	31.8	31.5
third choice...................	4.9	4.6	5.4	4.5	11.7	4.1	9.5	5.3	5.4	6.3	5.0	4.5	4.7	12.5	9.7
less than third choice.........	2.7	3.5	2.4	2.0	5.2	3.2	6.1	2.3	2.3	3.0	2.4	2.0	2.2	5.5	4.5
Number of Other Colleges Applied to for Admission This Year															
none...........................	30.3	43.8	23.7	21.8	18.0	45.1	30.0	28.1	14.7	20.7	13.6	25.3	10.6	19.9	13.3
one............................	14.9	15.8	15.0	13.7	11.0	15.7	17.0	16.9	11.1	13.4	11.6	15.1	9.2	11.2	10.6
two............................	16.5	14.6	18.2	16.4	20.7	14.1	20.6	19.1	15.4	18.4	18.2	17.4	13.0	21.3	19.3
three..........................	15.6	12.5	17.9	16.2	24.1	11.9	18.5	17.1	18.1	19.9	20.9	16.1	16.4	23.8	25.1
four...........................	9.6	6.8	11.1	11.2	13.4	6.7	8.1	9.8	13.5	12.4	14.4	10.2	14.5	13.2	13.7
five...........................	5.8	3.1	6.6	8.4	7.7	3.1	2.6	4.8	10.7	7.7	10.0	7.0	13.0	6.3	11.1
six or more....................	7.2	3.4	7.4	12.2	5.0	3.4	3.3	4.3	16.4	7.4	11.2	8.7	23.4	4.3	6.9
Permission to Use Student I.D.															
yes............................	75.5	74.1	76.0	76.7	78.7	74.4	70.8	76.6	76.7	75.6	68.8	76.8	76.1	79.0	77.4
no.............................	24.5	25.9	24.0	23.3	21.3	25.6	29.2	23.4	23.3	24.4	31.2	23.2	23.9	21.0	22.6

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
HOURS PER WEEK IN THE LAST YEAR															
None															
studying or doing homework	2.6	3.6	2.2	1.7	1.7	3.7	2.3	2.5	1.7	1.8	1.7	1.9	1.0	2.1	0.7
socializing with friends	0.3	0.5	0.2	0.2	0.4	0.5	0.2	0.2	0.3	0.1	0.2	0.2	0.2	0.4	0.3
talking w/teacher outside class	9.6	11.2	8.7	8.8	9.5	11.2	11.6	9.6	7.1	7.0	7.5	9.6	6.1	10.1	8.0
exercising or sports	3.3	5.0	2.6	2.1	3.9	5.2	2.8	2.6	2.7	2.2	2.3	2.2	1.8	3.9	4.0
partying	12.2	11.9	12.9	11.6	11.4	11.8	12.0	12.4	14.0	15.1	9.4	11.4	12.3	11.5	11.3
working (for pay)	25.2	19.4	27.3	30.0	27.5	18.8	25.5	24.5	33.8	30.9	27.2	26.2	42.4	26.6	29.9
volunteer work	51.3	55.1	49.9	48.1	58.5	55.3	52.8	52.2	47.6	44.9	46.0	51.0	38.7	61.2	51.8
student clubs and groups	38.0	49.4	33.3	29.4	38.4	50.0	43.0	35.6	28.9	28.5	34.7	33.4	16.6	40.8	32.5
watching TV	4.2	4.8	3.8	4.0	2.7	4.9	3.6	3.4	4.9	4.1	3.4	3.9	4.4	2.8	2.6
Six or More Hours															
studying or doing homework	35.1	27.5	36.7	43.2	37.5	27.4	27.8	32.8	45.7	39.0	42.3	39.2	56.0	34.8	44.1
socializing with friends	81.0	80.2	80.7	82.5	69.0	80.3	78.8	80.1	81.7	80.5	83.7	82.5	82.7	68.4	70.3
talking w/teacher outside class	4.8	5.2	5.1	3.7	9.5	5.1	6.3	4.9	5.7	5.6	5.0	3.6	4.2	9.3	10.0
exercising or sports	60.6	56.8	63.1	62.0	54.8	56.1	64.4	62.6	61.9	65.1	66.0	61.7	63.0	55.9	51.9
partying	35.6	37.7	34.3	34.6	32.9	37.6	38.4	34.4	33.4	31.9	42.0	35.6	31.7	33.1	32.3
working (for pay)	62.4	68.6	60.0	57.6	59.3	69.4	60.3	63.0	53.6	55.1	60.9	62.5	42.3	60.0	57.4
volunteer work	5.1	5.1	5.3	5.0	5.0	5.1	5.3	4.8	5.9	6.1	5.9	4.5	6.7	3.9	7.5
student clubs and groups	11.0	8.3	11.9	13.3	12.1	8.2	9.4	10.8	14.3	12.9	13.2	11.2	19.7	9.7	17.8
watching TV	38.8	37.4	40.5	38.0	49.2	36.9	42.6	41.6	37.6	39.9	39.3	38.9	35.4	51.2	44.3
Sixteen or More Hours															
studying or doing homework	5.4	3.3	5.4	8.2	5.2	3.3	3.2	4.1	8.8	5.8	6.8	6.3	14.4	4.0	8.1
socializing with friends	39.7	41.5	39.1	38.1	33.4	41.3	42.6	38.8	39.3	38.7	41.9	38.9	35.7	33.9	32.1
talking w/teacher outside class	0.8	1.0	0.8	0.5	1.7	1.0	0.8	0.7	0.9	0.8	0.8	0.5	0.6	1.6	1.9
exercising or sports	24.5	24.0	26.3	22.4	24.4	23.7	27.6	25.9	24.4	29.2	29.0	22.3	23.0	25.1	22.7
partying	10.1	12.2	9.3	8.4	8.6	12.1	12.6	9.2	8.5	9.0	12.3	9.0	6.6	8.3	9.2
working (for pay)	40.7	47.6	38.1	35.2	39.3	48.6	37.0	40.9	32.6	33.6	36.8	39.4	21.9	39.9	37.7
volunteer work	1.6	1.9	1.5	1.3	1.3	1.9	2.0	1.3	1.7	1.6	1.8	1.3	1.6	0.9	2.0
student clubs and groups	2.5	1.5	2.9	3.3	4.0	1.4	2.4	2.7	3.2	3.1	3.5	2.7	4.9	3.6	4.9
watching TV	10.2	10.1	11.2	8.9	21.6	9.7	13.9	11.8	9.7	10.8	9.9	9.3	7.6	21.9	20.8
U.S. Citizen?															
yes	97.3	98.0	97.5	96.1	98.3	98.4	94.0	98.5	94.6	97.4	96.6	96.4	95.3	98.1	99.0
permanent resident	1.7	1.0	1.4	3.1	1.1	0.8	2.1	1.1	2.6	1.1	2.4	3.2	3.0	1.4	0.5
no	1.0	1.0	1.0	0.7	0.5	0.7	3.9	0.4	2.8	1.5	1.0	0.4	1.6	0.5	0.4
Native English Speaker															
yes	95.4	96.4	95.9	93.1	96.0	96.8	92.9	96.8	93.0	96.4	93.8	93.6	91.5	95.7	96.7
no	4.6	3.6	4.1	6.9	4.0	3.2	7.1	3.2	7.0	3.6	6.2	6.4	8.5	4.3	3.3
Residence Planned During Fall 1990															
with parents or relatives	20.7	30.1	17.3	13.0	13.9	31.1	20.3	21.3	8.2	9.6	23.2	15.2	6.0	15.1	11.0
other private home, apt, room	5.8	10.9	2.9	3.4	3.2	11.6	3.9	4.0	1.5	0.8	1.2	4.2	0.9	4.1	1.0
college dormitory	69.1	52.3	76.9	80.3	80.2	50.2	74.4	71.7	86.1	88.0	74.1	77.0	90.9	78.2	85.0
fraternity or sorority house	0.5	0.1	0.6	0.9	0.0	0.1	0.0	0.6	1.1	0.3	0.0	1.1	0.3	0.0	0.0
other campus housing	3.1	5.1	1.9	2.1	2.1	5.6	0.6	1.9	2.6	1.0	1.1	2.2	1.8	2.1	2.2
other	0.7	1.4	0.4	0.3	0.6	1.4	0.8	0.5	0.3	0.3	0.4	0.3	0.1	0.6	0.8

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Highest Degreee Planned Anywhere															
none	1.7	2.6	1.5	0.8	3.3	2.6	3.0	1.5	1.5	1.8	1.5	0.8	0.5	3.4	3.2
vocational certificate	1.9	5.3	0.2	0.1	0.6	5.9	0.5	0.3	0.2	0.1	0.2	0.1	0.0	0.8	0.2
associate (AA or equivalent)	4.7	12.7	0.9	0.3	1.0	13.6	5.0	1.1	0.4	1.0	0.5	0.4	0.0	1.1	0.7
bachelor's (BA, BS)	30.7	35.2	31.5	23.8	30.5	35.1	36.4	35.3	24.7	27.7	23.9	27.6	12.1	34.2	21.5
master's (MA, MS)	36.1	30.2	39.3	38.8	38.5	29.6	35.6	39.2	39.9	37.3	42.5	39.4	37.2	38.6	38.2
PhD or EdD	12.3	6.8	13.8	16.9	14.0	6.7	8.5	12.3	17.9	14.8	14.2	15.7	20.7	11.9	19.2
MD, DO, DDS, DVM	5.9	3.0	5.4	10.3	4.4	2.9	3.5	4.3	6.8	7.4	7.6	8.8	15.2	3.1	7.5
LLB or JD (law)	4.7	2.2	4.9	7.5	5.0	2.1	3.6	3.7	6.6	6.6	7.7	5.7	12.8	4.0	7.3
BD or MDiv (divinity)	0.5	0.4	0.7	0.3	1.0	0.3	0.9	0.6	0.6	1.5	0.5	0.3	0.3	1.2	0.6
other	1.5	1.5	1.7	1.2	1.7	1.4	3.0	1.8	1.4	1.8	1.5	1.3	1.2	1.8	1.6
Highest Degree Planned at Freshman College															
none	4.7	8.5	3.4	1.4	2.0	8.5	8.5	4.1	1.7	3.5	2.6	1.7	0.6	2.1	1.7
vocational certificate	2.5	6.5	0.5	0.1	1.3	6.8	3.2	0.5	0.2	0.5	0.6	0.1	0.1	1.8	0.4
associate (AA or equivalent)	23.3	61.2	2.9	0.9	2.7	60.9	64.8	3.7	0.8	2.8	2.3	1.2	0.3	3.9	0.5
bachelor's (BA, BS)	51.0	17.9	73.2	63.7	67.9	18.0	16.3	70.3	78.6	77.0	72.9	63.0	65.9	64.8	73.6
master's (MA, MS)	12.7	2.7	15.0	23.3	17.8	2.7	2.7	16.0	14.4	11.4	16.2	23.7	22.1	19.4	14.9
PhD or EdD	1.9	0.5	1.8	4.0	2.8	0.4	1.3	2.0	1.5	1.3	1.9	4.0	4.0	3.2	2.1
MD, DO, DDS, DVM	1.1	0.1	0.6	3.4	1.8	0.1	0.3	0.6	0.6	0.7	0.6	3.5	3.3	0.8	3.6
LLB or JD (law)	0.8	0.3	0.6	1.9	1.3	0.2	0.4	0.6	0.7	0.6	0.7	1.5	3.0	1.4	1.1
BD or MDiv (divinity)	0.2	0.1	0.4	0.2	0.8	0.1	0.2	0.4	0.3	0.4	0.3	0.2	0.1	1.0	0.4
other	1.7	2.2	1.7	1.1	1.7	2.2	2.3	1.8	1.1	1.8	1.9	1.2	0.8	1.7	1.7
Reasons Noted as Very Important in Deciding to Go to College															
parents wanted me to go	33.0	32.8	34.4	31.1	53.9	32.0	41.4	34.7	32.1	36.0	34.8	31.2	30.8	54.8	51.6
could not find a job	6.5	8.8	6.0	4.2	13.7	8.8	8.9	6.7	4.7	5.3	5.5	4.6	2.8	13.7	13.8
wanted to get away from home	15.8	13.1	17.3	17.3	28.5	12.6	18.2	16.8	17.7	19.0	17.7	16.8	18.6	28.5	28.3
get a better job	77.9	82.3	76.6	73.8	84.9	82.8	77.1	79.0	71.3	74.1	74.6	75.4	68.6	85.6	83.2
gain general education	56.0	53.1	57.0	58.5	71.8	52.8	56.3	55.2	60.7	58.5	60.0	56.2	66.1	70.1	75.8
improve reading and study skills	38.4	37.9	40.5	35.6	66.0	36.8	50.1	39.8	39.6	42.9	45.3	35.0	37.4	64.4	69.9
nothing better to do	3.0	2.6	3.2	3.2	6.0	2.5	3.8	3.1	3.2	3.2	3.4	3.1	3.7	6.3	5.2
become a more cultured person	33.0	26.2	35.9	37.7	55.6	25.3	35.2	33.6	39.7	38.7	40.5	35.0	46.3	52.7	62.7
make more money	77.0	80.5	76.0	73.9	86.8	80.6	79.2	79.3	69.3	71.4	74.0	76.1	66.9	88.7	82.2
learn more about things	68.4	67.0	68.1	70.8	75.3	67.3	63.5	66.5	73.7	67.8	67.1	69.4	75.3	73.6	79.4
prepare for grad/prof school	48.5	43.6	48.5	55.4	64.1	42.5	55.4	46.3	51.0	52.5	53.5	52.3	65.2	61.5	70.3
Reasons Noted as Very Important or Essential in Career Choice															
job openings regularly available	69.1	73.0	68.4	64.9	84.5	73.6	66.7	71.0	63.5	64.3	67.1	67.8	55.9	84.5	84.5
rapid advancement possible	68.4	71.6	67.9	64.6	84.6	71.7	70.6	70.2	64.3	63.4	67.0	66.0	60.0	85.2	83.2
high anticipated earnings	76.1	79.0	74.6	74.5	89.9	79.2	77.0	76.7	71.5	69.4	75.7	75.8	70.5	90.9	87.5
well-respected/prestigious job	65.5	64.9	65.8	65.7	79.8	64.7	67.1	67.0	63.9	62.3	68.3	65.6	66.1	80.0	79.1
great deal of independence	66.3	66.5	65.8	66.9	79.9	66.5	66.7	65.1	68.1	64.9	67.5	66.5	68.0	79.6	80.9
chance for steady progress	79.0	81.0	78.3	77.3	89.0	81.3	78.3	79.1	77.7	75.2	78.8	77.5	76.9	89.1	88.8
make important contrib to soc	61.5	56.5	64.2	64.0	78.3	56.0	61.7	62.8	64.9	68.5	66.2	62.0	70.2	76.8	82.1
can avoid pressure	35.5	38.4	35.5	31.4	53.2	38.1	41.8	36.1	33.4	35.2	36.5	32.9	26.8	54.7	49.3
can work with ideas	70.5	69.8	69.7	72.5	79.7	70.2	66.4	68.9	72.7	69.3	69.6	72.2	73.4	78.5	82.4
can be helpful to others	70.7	69.8	72.4	69.3	83.7	69.5	72.8	71.9	71.2	75.8	73.0	68.2	72.6	82.7	86.2
able to work with people	69.2	69.8	70.3	66.4	82.2	69.6	72.4	69.8	68.3	74.2	73.0	65.0	70.8	81.2	84.7
intrinsic interest in field	77.1	75.4	76.9	79.8	77.8	75.8	71.3	76.1	79.4	76.6	77.3	78.6	83.5	76.3	81.6
work would be challenging	70.7	71.0	69.4	72.3	73.0	71.2	68.6	68.3	72.8	70.1	68.5	70.5	78.1	71.1	77.6

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1990

						2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Probable Career Occupation															
accountant or actuary	4.0	2.1	5.7	4.1	7.7	1.9	4.0	6.4	3.6	4.5	8.4	4.3	3.2	8.7	5.3
actor or entertainer	0.8	0.6	0.9	0.9	1.3	0.5	1.9	0.8	1.1	1.3	1.1	0.9	1.2	1.2	1.4
architect or urban planner	3.9	7.5	1.3	3.1	2.8	7.9	2.7	1.6	1.1	0.9	0.7	3.7	1.4	2.8	2.8
artist	1.5	1.3	1.7	1.4	1.5	1.1	3.0	1.5	2.7	1.3	1.2	1.6	0.6	1.9	0.4
business (clerical)	0.3	0.2	0.4	0.3	0.9	0.1	0.5	0.4	0.3	0.4	0.6	0.3	0.3	1.0	0.7
business executive (management)	10.6	7.7	12.3	11.7	13.2	7.4	11.7	12.2	11.0	12.7	15.9	11.1	13.6	15.0	9.1
business owner or proprietor	4.5	5.2	4.4	3.8	5.7	5.0	7.4	4.1	4.6	5.2	6.0	3.6	4.3	6.4	4.3
business salesperson or buyer	1.4	1.5	1.5	1.2	2.5	1.5	1.7	1.5	1.1	1.6	1.7	1.2	1.0	3.1	1.3
clergy (minister,priest)	0.3	0.2	0.6	0.2	0.2	0.2	0.4	0.2	0.7	2.0	0.8	0.1	0.4	0.4	0.0
clergy (other religious)	0.1	0.0	0.2	0.1	0.0	0.0	0.3	0.0	0.4	0.7	0.1	0.1	0.1	0.0	0.0
clinical psychologist	0.6	0.4	0.7	0.6	0.8	0.4	0.5	0.7	0.7	0.8	0.8	0.6	0.5	0.5	1.4
college teacher	0.4	0.1	0.6	0.6	0.4	0.1	0.2	0.4	0.8	0.9	0.5	0.5	0.9	0.4	0.4
computer programmer or analyst	3.1	3.2	3.8	2.0	7.0	3.2	2.6	4.3	3.3	3.0	2.5	2.3	1.2	6.6	8.0
conservationist or forester	0.9	1.2	0.7	0.6	0.1	1.3	1.1	0.9	0.5	0.7	0.4	0.8	0.2	0.0	0.2
dentist (including orthodontist)	0.6	0.4	0.7	0.9	0.8	0.4	0.8	0.7	0.4	0.6	0.7	0.9	0.9	1.1	0.1
dietitian or home economist	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1
engineer	14.9	14.7	12.5	18.8	15.0	15.5	6.1	13.7	15.8	5.9	5.2	20.4	13.8	13.9	17.5
farmer or rancher	0.8	1.2	0.5	0.8	0.0	1.2	1.5	0.7	0.2	0.4	0.2	1.0	0.1	0.0	0.0
foreign service worker	0.6	0.3	0.6	1.0	0.0	0.3	0.4	0.4	0.8	0.9	0.9	0.6	2.2	0.0	0.1
homemaker (full-time)	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
interior decorator (incl design)	0.1	0.0	0.1	0.0	0.4	0.0	0.1	0.1	0.1	0.0	0.2	0.1	0.0	0.6	0.0
interpreter (translator)	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0
lab technician or hygienist	0.2	0.3	0.2	0.1	0.3	0.4	0.0	0.2	0.1	0.2	0.0	0.1	0.1	0.4	0.1
law enforcement officer	2.4	3.4	2.5	1.0	2.1	3.4	3.4	3.1	0.9	1.9	2.9	1.1	0.4	2.5	1.3
lawyer (attorney) or judge	4.9	2.5	5.2	7.7	6.4	2.3	4.5	4.0	6.8	6.9	7.8	6.2	12.1	4.7	10.4
military service (career)	2.4	2.9	2.9	0.9	2.1	3.1	1.8	4.0	2.0	0.4	0.8	0.9	1.1	2.1	2.0
musician (performer,composer)	1.3	0.8	1.6	1.4	1.1	0.7	1.9	1.5	1.5	2.3	1.2	1.4	1.4	0.7	2.2
nurse	0.7	1.5	0.4	0.2	0.2	1.6	0.3	0.5	0.1	0.3	0.1	0.2	0.0	0.1	0.3
optometrist	0.3	0.3	0.3	0.3	0.1	0.4	0.1	0.4	0.2	0.2	0.4	0.3	0.2	0.1	0.0
pharmacist	0.9	0.9	0.6	1.3	1.0	1.0	0.2	0.7	0.7	0.4	0.3	1.6	0.5	0.9	1.3
physician	3.9	1.3	3.7	7.6	3.7	1.2	2.6	2.7	5.0	5.9	5.8	6.1	12.6	2.5	6.4
school counselor	0.2	0.2	0.2	0.1	0.2	0.2	0.3	0.2	0.2	0.1	0.2	0.1	0.1	0.3	0.0
school principal/superintendent	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0
scientific researcher	1.7	0.7	1.9	2.6	0.6	0.7	1.2	1.7	2.3	1.9	1.9	2.5	3.1	0.4	1.3
social,welfare,recreation worker	0.3	0.5	0.3	0.2	0.4	0.5	0.5	0.2	0.3	0.4	0.5	0.2	0.1	0.2	0.6
statistician	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0
therapist (phys,occup,speech)	1.6	1.6	1.8	1.3	1.2	1.4	2.9	1.9	1.1	2.1	1.8	1.6	0.6	0.9	2.0
teacher (elementary)	0.9	0.9	1.2	0.4	1.1	0.9	1.1	1.4	0.4	1.7	0.7	0.4	0.1	1.0	1.2
teacher (secondary)	3.0	2.2	4.4	2.1	2.5	2.0	4.3	4.7	2.6	5.5	3.7	2.3	1.3	2.3	2.8
veterinarian	0.5	0.4	0.5	0.7	0.5	0.3	0.5	0.5	0.5	0.7	0.6	0.9	0.2	0.0	1.7
writer or journalist	1.5	0.8	1.8	2.1	0.9	0.7	1.5	1.5	2.3	1.9	2.8	1.9	2.8	0.7	1.4
skilled trades	4.1	10.7	0.7	0.5	0.7	11.5	1.1	0.7	0.9	0.8	0.5	0.5	0.3	1.0	0.2
other career	8.9	11.0	8.7	6.3	6.9	10.9	12.6	8.0	11.0	9.0	7.7	6.7	5.1	7.6	5.4
undecided	10.3	8.7	11.4	10.9	7.6	8.4	12.3	10.8	11.6	13.3	12.1	10.5	12.2	8.1	6.4
Twin Status															
no	98.4	98.4	98.3	98.4	97.5	98.5	97.8	98.2	98.3	98.3	99.0	98.4	98.3	96.9	99.0
yes-identical	0.6	0.5	0.6	0.6	0.6	0.5	1.2	0.7	0.6	0.6	0.2	0.6	0.5	0.7	0.4
yes-fraternal	1.1	1.0	1.1	1.0	1.9	1.0	1.1	1.1	1.1	1.1	0.8	1.0	1.2	2.4	0.6

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	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
PROBABLE MAJOR FIELD OF STUDY															
ARTS AND HUMANITIES															
art, fine and applied...........	1.6	1.4	1.9	1.6	2.0	1.0	4.7	1.7	2.9	1.5	1.1	1.9	0.7	2.5	0.6
English (language & literature).	1.0	0.4	1.3	1.3	1.3	0.5	0.4	0.8	2.2	1.6	2.1	1.1	2.0	1.4	0.8
history.........................	1.3	0.6	1.7	1.5	1.2	0.6	0.7	1.5	2.1	1.9	1.8	1.3	2.2	1.2	1.1
journalism......................	0.9	0.4	1.0	1.4	1.2	0.3	1.4	0.9	1.0	1.0	1.4	1.3	1.6	1.1	1.3
language/literature (ex English)	0.2	0.1	0.3	0.4	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.6	0.1	0.0
music...........................	1.1	0.6	1.5	1.1	1.5	0.5	1.9	1.5	1.2	2.2	0.7	1.1	1.3	1.4	1.6
philosophy......................	0.2	0.1	0.3	0.4	0.4	0.1	0.0	0.1	0.6	0.4	0.4	0.3	0.7	0.5	0.2
speech..........................	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.0
theater or drama................	0.5	0.4	0.6	0.6	0.3	0.3	1.1	0.5	0.7	1.0	0.7	0.6	0.7	0.3	0.2
theology or religion............	0.3	0.2	0.4	0.1	0.1	0.2	0.1	0.0	0.5	2.0	0.5	0.0	0.3	0.1	0.2
other arts and humanities.......	0.5	0.6	0.3	0.6	0.5	0.5	1.5	0.3	0.5	0.2	0.3	0.6	0.5	0.6	0.3
BIOLOGICAL SCIENCES															
biology (general)...............	1.8	0.5	2.3	2.7	2.5	0.4	0.8	1.9	2.9	3.2	3.5	2.3	4.1	1.6	4.8
biochemistry or biophysics......	0.5	0.3	0.5	0.9	0.3	0.2	0.3	0.4	0.6	0.6	0.7	0.8	1.3	0.2	0.5
botany..........................	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.0
marine (life) science...........	0.6	0.5	0.6	0.6	0.0	0.5	1.0	0.6	0.5	0.6	0.5	0.6	0.6	0.0	0.0
microbiology or bacteriology....	0.1	0.0	0.1	0.3	0.1	0.0	0.0	0.1	0.1	0.2	0.1	0.3	0.2	0.1	0.0
zoology.........................	0.3	0.2	0.3	0.4	0.4	0.2	0.4	0.3	0.2	0.3	0.2	0.5	0.1	0.5	0.0
other biological sciences.......	0.6	0.5	0.6	0.7	0.5	0.4	1.2	0.6	0.5	0.5	0.7	0.7	0.5	0.6	0.3
BUSINESS															
accounting......................	4.6	3.0	6.1	4.5	7.2	2.9	3.8	6.7	3.8	5.0	9.2	4.8	3.6	7.6	6.3
business admin (general)........	6.5	6.2	6.9	6.2	9.1	5.6	12.1	6.3	6.3	9.4	8.6	5.9	7.1	9.7	7.4
finance.........................	2.1	0.6	2.5	3.5	1.8	0.6	1.2	2.4	2.2	2.3	4.1	3.3	4.4	1.8	1.6
marketing.......................	2.8	1.9	3.5	3.1	4.9	1.7	3.2	3.6	2.6	3.5	4.9	3.2	2.8	5.5	3.4
management......................	4.8	4.6	5.9	3.6	6.7	4.4	6.7	6.2	4.9	5.4	7.1	3.7	3.1	8.0	3.0
secretarial studies.............	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other business..................	1.3	0.9	1.3	1.7	1.3	0.8	1.9	1.2	1.3	1.7	2.1	1.5	2.1	1.5	0.8
EDUCATION															
business education..............	0.2	0.2	0.2	0.1	0.5	0.2	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.6	0.1
elementary education............	0.7	0.5	1.1	0.3	1.3	0.5	0.8	1.3	0.3	1.7	0.8	0.3	0.1	1.1	1.8
music or art education..........	0.4	0.2	0.7	0.3	0.4	0.2	0.2	0.8	0.3	0.5	0.4	0.3	0.1	0.2	1.0
physical education or recreation	1.5	1.6	2.1	0.4	1.8	1.1	5.9	2.4	0.8	2.7	0.9	0.5	0.1	2.0	1.3
secondary education.............	1.5	1.0	2.1	1.1	0.9	1.0	1.3	2.3	1.1	2.6	2.4	1.3	0.5	0.7	1.3
special education...............	0.1	0.1	0.1	0.1	0.1	0.0	0.2	0.1	0.0	0.1	0.2	0.1	0.0	0.1	0.0
other education.................	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.4	0.1	0.1	0.0	0.2	0.0
ENGINEERING															
aeronautical/astronautical eng..	2.5	1.9	2.8	2.8	1.5	2.0	1.0	2.6	5.5	0.7	0.7	3.2	1.6	0.4	4.4
civil engineering...............	2.5	3.5	1.6	2.5	1.3	3.7	1.0	2.0	0.9	1.0	0.9	2.6	2.1	1.5	0.8
chemical engineering............	1.0	0.8	0.8	1.7	0.7	0.8	0.3	1.0	0.4	0.6	0.5	1.9	1.4	0.5	1.1
electrical engineering..........	4.8	5.9	3.6	5.3	5.8	6.2	1.9	4.0	4.4	1.5	1.5	5.5	4.6	5.8	5.8
industrial engineering..........	0.5	0.5	0.5	0.5	0.7	0.5	0.3	0.7	0.4	0.2	0.1	0.6	0.4	0.9	0.0
mechanical engineering..........	4.0	4.0	3.1	5.4	2.6	4.2	1.4	3.3	4.5	1.3	1.4	5.9	4.0	2.5	2.8
other engineering...............	2.5	2.8	2.0	2.9	0.9	3.0	1.1	2.4	2.1	0.9	0.5	2.9	2.8	0.9	0.9

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						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
PROBABLE MAJOR FIELD OF STUDY															
PHYSICAL SCIENCES															
astronomy	0.1	0.1	0.1	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.3	0.2	0.0	0.0
atmospheric science	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0
chemistry	0.8	0.5	0.9	1.0	0.5	0.6	0.0	0.8	1.2	1.2	1.1	0.9	1.3	0.2	1.2
earth science	0.2	0.1	0.3	0.3	0.2	0.1	0.1	0.3	0.3	0.3	0.1	0.3	0.1	0.2	0.0
marine science	0.2	0.3	0.3	0.1	0.1	0.2	0.7	0.4	0.2	0.2	0.0	0.1	0.1	0.1	0.0
mathematics	0.7	0.5	0.8	0.8	0.2	0.5	0.3	0.6	1.0	1.1	1.2	0.8	1.1	0.1	0.6
physics	0.7	0.2	0.8	1.2	0.0	0.2	0.1	0.7	1.4	0.8	0.6	1.0	1.8	0.0	0.2
statistics	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0
other physical sciences	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.4	0.1	0.1	0.1	0.1	0.1	0.0
PROFESSIONAL															
architecture or urban planning	3.0	5.9	0.9	2.7	1.6	6.3	1.1	1.0	0.8	0.8	0.6	3.1	1.1	1.4	2.1
home economics	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
health technology (med,dent,lab)	0.6	0.5	0.6	0.6	0.5	0.5	0.7	0.7	0.5	0.7	0.5	0.6	0.9	0.4	1.0
library or archival science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	0.7	1.5	0.4	0.2	0.2	1.6	0.2	0.6	0.1	0.2	0.2	0.2	0.1	0.1	0.3
pharmacy	0.9	0.9	0.5	1.3	0.7	1.0	0.2	0.6	0.6	0.3	0.3	1.6	0.4	0.4	1.2
predent, premed, prevet	2.9	1.5	2.6	5.3	1.8	1.5	2.1	2.2	2.7	4.1	3.5	4.6	7.3	1.3	3.0
therapy (occup,phys,speech)	1.4	1.3	1.5	1.3	0.6	1.2	2.2	1.6	1.0	1.7	1.4	1.6	0.6	0.4	1.2
other professional	1.1	1.1	1.2	1.1	0.8	1.0	1.7	0.9	1.8	1.4	1.3	1.0	1.2	0.5	1.9
SOCIAL SCIENCES															
anthropology	0.1	0.0	0.1	0.2	0.0	0.1	0.0	0.1	0.2	0.1	0.1	0.2	0.2	0.0	0.0
economics	0.6	0.2	0.6	1.2	0.2	0.2	0.2	0.4	1.5	0.7	0.8	0.8	2.2	0.1	0.5
ethnic studies	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2
geography	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0
political science	3.0	1.3	3.3	4.7	3.6	1.3	1.6	2.5	4.8	4.3	4.7	3.4	8.8	2.6	6.4
psychology	1.8	1.3	2.3	1.8	2.4	1.2	1.9	2.2	2.0	3.2	2.6	1.8	1.7	2.3	2.7
social work	0.3	0.4	0.2	0.1	0.6	0.4	0.2	0.2	0.1	0.4	0.3	0.1	0.1	0.6	0.5
sociology	0.3	0.2	0.4	0.2	1.1	0.2	0.4	0.4	0.3	0.5	0.6	0.2	0.1	1.2	0.9
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
other social sciences	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.1	0.4
TECHNICAL															
building trades	1.9	5.6	0.1	0.0	0.1	6.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0
data processing or computer prog	1.0	1.0	1.3	0.5	2.2	1.0	1.2	1.4	1.1	0.9	0.7	0.6	0.3	2.4	1.7
drafting or design	0.9	2.1	0.3	0.2	0.8	2.2	1.1	0.5	0.1	0.1	0.5	0.2	0.0	1.1	0.0
electronics	0.7	1.8	0.2	0.1	0.2	2.0	0.4	0.3	0.1	0.1	0.1	0.1	0.0	0.2	0.2
mechanics	1.2	3.4	0.1	0.0	0.2	3.7	0.2	0.1	0.3	0.0	0.0	0.0	0.0	0.2	0.3
other technical	1.3	3.4	0.2	0.1	0.3	3.6	0.6	0.2	0.4	0.2	0.0	0.1	0.0	0.4	0.0
OTHER FIELDS															
agriculture	1.3	2.0	0.7	1.3	1.4	2.0	1.2	1.0	0.2	0.4	0.0	1.7	0.0	1.7	0.4
communications	2.1	1.2	2.9	1.9	5.3	1.0	2.9	2.9	2.7	3.4	3.3	1.7	2.7	5.5	4.9
computer science	2.0	1.5	2.8	1.6	4.9	1.5	1.6	3.1	2.6	2.0	2.1	1.7	1.2	4.8	5.1
forestry	0.7	1.3	0.4	0.3	0.1	1.3	1.3	0.5	0.1	0.5	0.1	0.4	0.0	0.1	0.1
law enforcement	2.6	3.8	2.6	1.0	2.0	3.6	5.2	3.3	1.1	1.7	2.9	1.2	0.4	1.7	2.8
military science	0.4	0.6	0.4	0.1	0.6	0.6	0.6	0.4	0.3	0.1	0.3	0.1	0.1	0.6	0.4
other field	1.5	2.0	1.6	0.8	0.7	2.0	2.6	0.8	4.2	1.7	0.9	0.9	0.4	0.7	0.7
undecided	6.0	4.9	6.7	6.4	3.6	4.8	5.9	6.9	6.2	6.5	6.8	6.3	6.7	3.6	3.4

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	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Father's Education															
grammar school or less	3.0	3.3	3.1	2.5	5.8	3.2	5.0	3.3	2.6	2.9	3.8	2.6	2.1	6.1	5.2
some high school	6.3	8.7	5.9	3.7	9.4	8.9	7.4	6.6	4.8	5.3	4.8	4.1	2.2	9.8	8.5
high school graduate	26.6	33.8	25.7	18.2	33.8	34.2	29.0	28.9	19.4	21.7	22.2	21.0	9.3	35.9	29.1
postsecondary other than college	4.9	5.0	5.4	4.0	6.2	5.2	3.8	6.0	4.4	4.5	4.6	4.6	2.4	6.6	5.2
some college	15.4	16.0	15.8	13.9	16.5	15.9	17.0	16.7	13.9	15.2	14.6	14.9	10.9	15.1	19.7
college degree	22.6	20.3	22.6	25.8	16.4	20.4	19.9	21.7	23.8	23.9	23.9	25.8	25.7	15.7	17.8
some graduate school	2.5	1.3	2.7	3.6	1.5	1.3	1.0	2.4	3.4	3.0	3.1	3.3	4.7	1.1	2.4
graduate degree	18.7	11.5	18.8	28.3	10.4	11.0	16.9	14.5	27.7	23.5	23.0	23.8	42.7	9.7	12.1
Father's Occupation (5)															
artist (including performer)	0.7	0.4	0.7	0.9	0.7	0.4	0.7	0.6	1.2	0.8	0.9	0.9	0.8	0.8	0.6
business	29.4	25.5	29.6	34.3	16.8	24.7	34.0	27.2	34.2	31.1	36.4	32.7	39.5	17.3	15.8
clergy or religious worker	1.1	0.8	1.6	0.7	2.3	0.6	2.8	1.0	1.6	4.4	0.4	0.7	0.9	2.4	1.9
college teacher or administrator	0.8	0.4	0.9	1.3	0.3	0.4	0.5	0.6	1.6	1.3	0.6	1.1	1.9	0.3	0.3
doctor or dentist	2.3	0.9	2.2	4.6	0.9	0.8	1.6	1.2	4.2	3.3	3.2	3.1	9.3	0.7	1.5
education (secondary)	3.9	3.3	4.5	4.0	4.1	3.3	2.5	4.4	4.2	5.2	4.4	4.1	3.7	3.4	5.7
education (elementary)	1.0	0.7	1.2	1.0	1.1	0.7	0.6	1.2	1.3	1.2	1.5	1.1	0.9	0.6	2.1
engineer	8.3	8.4	7.6	9.4	8.2	8.6	6.3	8.1	7.2	6.0	6.7	9.6	8.6	8.5	7.4
farmer or forester	3.0	3.0	2.9	3.0	0.7	2.8	5.0	3.5	1.3	2.9	1.0	3.7	0.9	0.6	1.1
health professional (non-M.D.)	1.5	1.7	1.3	1.6	1.3	1.8	1.3	1.3	1.3	1.3	1.1	1.6	1.3	1.2	1.6
lawyer	1.7	0.7	1.5	3.2	0.7	0.7	0.3	0.7	2.9	2.4	2.9	2.3	6.1	0.4	1.2
military (career)	2.4	3.0	2.5	1.5	4.9	3.1	2.6	3.1	1.4	1.8	1.2	1.4	1.5	5.5	3.4
research scientist	0.5	0.2	0.4	1.0	0.1	0.2	0.3	0.3	0.8	0.5	0.5	0.9	1.3	0.0	0.3
skilled worker	11.3	14.6	10.6	7.9	13.2	15.3	7.3	11.9	8.7	8.2	8.5	8.9	4.4	13.4	12.8
semi-skilled worker	4.5	5.7	4.4	3.2	5.4	5.8	4.4	4.8	3.2	4.1	3.8	3.7	1.8	5.3	5.5
laborer (unskilled)	2.9	3.5	3.0	2.1	5.0	3.5	3.6	3.4	2.2	2.3	2.5	2.3	1.1	5.3	4.4
unemployed	2.0	2.2	2.0	1.5	3.9	2.2	2.2	2.0	2.1	2.0	1.8	1.6	1.4	3.9	4.1
other	22.7	24.9	23.3	18.9	30.4	25.0	23.8	24.7	20.5	21.4	22.7	20.3	14.7	30.5	30.3
Father's Religious Preference															
Baptist	16.9	18.0	21.2	8.8	60.4	17.0	29.0	23.8	13.5	28.1	3.1	8.7	9.2	61.6	57.5
Buddhist	0.6	0.4	0.5	1.1	0.4	0.4	0.6	0.3	1.0	0.4	0.4	1.0	1.3	0.4	0.5
Congregational	1.2	1.0	1.3	1.4	0.6	1.0	1.1	1.2	2.1	1.0	0.4	1.5	0.9	0.5	0.7
Eastern Orthodox	0.7	0.7	0.5	1.1	0.1	0.7	0.6	0.3	1.0	0.4	0.6	1.0	1.2	0.2	0.0
Episcopal	2.5	2.3	2.5	2.8	1.0	2.3	1.8	1.8	3.9	4.1	1.7	2.6	3.4	0.9	1.4
Islamic	0.5	0.2	0.6	0.6	2.5	0.2	0.4	0.5	1.1	0.4	0.4	0.6	0.8	2.3	2.9
Jewish	3.0	1.5	2.0	6.3	0.1	1.5	1.1	1.4	5.2	1.1	0.6	5.7	8.0	0.1	0.0
LDS (Mormon)	0.4	0.4	0.3	0.4	0.0	0.4	0.3	0.4	0.3	0.3	0.1	0.4	0.2	0.0	0.0
Lutheran	6.6	5.8	6.8	7.3	0.3	5.4	9.6	8.0	4.1	6.8	3.8	8.3	4.2	0.2	0.6
Methodist	9.5	10.6	9.2	8.5	11.4	10.5	11.7	10.1	6.6	11.8	2.7	9.0	6.9	11.6	10.9
Presbyterian	5.4	5.9	5.0	5.4	1.4	6.1	3.9	4.2	6.3	7.9	2.6	5.5	5.4	1.3	1.7
Quaker	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.2	0.3	0.4	0.3	0.3	0.2	0.0	0.2
Roman Catholic	33.4	34.3	30.9	36.2	6.9	35.5	21.5	29.8	31.9	15.7	73.6	34.7	40.8	6.9	7.0
Seventh Day Adventist	0.3	0.2	0.3	0.3	1.3	0.2	0.2	0.3	0.4	0.3	0.3	0.3	0.2	1.2	1.5
other Protestant	5.2	5.4	5.4	4.6	1.4	5.5	4.4	4.9	6.6	7.2	2.7	4.7	4.2	1.3	1.6
other religion	4.1	4.1	4.5	3.6	5.5	3.8	7.6	4.2	4.2	7.4	1.7	3.7	3.1	5.2	6.2
none	9.5	9.1	8.7	11.4	6.7	9.4	6.1	8.7	11.6	6.8	5.0	11.8	9.9	6.4	7.2

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1990

						2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Mother's Education															
grammar school or less..........	2.3	2.4	2.3	2.2	3.8	2.3	3.9	2.3	2.1	2.1	3.1	2.3	2.0	4.0	3.1
some high school................	4.7	6.2	4.6	3.0	6.9	6.2	6.5	4.9	3.8	4.3	4.0	3.3	2.0	6.7	7.1
high school graduate............	33.8	41.5	32.1	25.8	30.2	42.2	34.6	35.5	25.3	27.4	30.4	29.1	15.3	32.0	25.8
postsecondary other than college	7.6	7.8	7.9	6.8	7.0	7.9	6.2	8.4	6.8	7.1	8.1	7.3	5.1	6.9	7.4
some college....................	17.0	16.0	17.8	17.0	19.2	15.8	18.7	18.2	16.4	18.4	16.4	17.1	16.6	18.7	20.6
college degree..................	20.9	16.6	21.0	26.4	18.1	16.4	18.9	18.7	25.9	24.6	21.6	24.8	31.7	17.4	19.7
some graduate school............	3.1	2.1	3.2	4.3	2.0	2.1	2.0	2.7	4.1	3.4	4.5	3.7	6.1	2.2	1.6
graduate degree.................	10.7	7.4	11.1	14.6	12.8	7.2	9.1	9.2	15.7	12.7	12.0	12.5	21.2	12.0	14.7
Mother's Career (5)															
artist (including performer)....	1.4	1.0	1.5	1.9	0.9	0.9	2.1	1.1	2.5	1.7	1.7	1.7	2.6	0.8	0.9
business........................	14.2	14.2	14.1	14.3	13.7	13.9	17.9	13.8	15.4	14.4	12.2	14.2	14.7	13.5	14.0
business (clerical).............	10.0	10.3	10.2	9.1	7.5	10.4	9.3	11.3	8.5	8.7	8.7	9.6	7.5	7.7	7.0
clergy or religious worker......	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.3	0.6	0.1	0.2	0.2	0.1	0.3
college teacher or administrator	0.5	0.2	0.5	0.6	0.6	0.2	0.5	0.4	0.9	0.7	0.6	0.5	1.0	0.6	0.5
doctor or dentist...............	0.5	0.2	0.5	0.9	0.6	0.2	0.4	0.4	0.9	0.4	0.4	0.6	1.6	0.6	0.6
education (secondary)...........	4.6	3.6	5.1	5.3	6.4	3.6	4.3	4.7	5.4	6.4	4.4	5.0	6.3	6.0	7.2
education (elementary)..........	7.5	5.6	8.6	8.6	9.2	5.5	6.0	8.3	8.7	9.5	9.0	8.2	9.8	8.7	10.3
engineer........................	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.1	0.2	0.3	0.3	0.4	0.2
farmer or forester..............	0.5	0.8	0.3	0.5	0.0	0.8	0.8	0.4	0.2	0.2	0.2	0.6	0.1	0.0	0.0
health professional (non-M.D.)..	2.1	2.1	2.1	2.3	2.5	2.1	2.0	2.1	1.9	2.2	1.5	2.3	2.5	2.1	3.4
homemaker (full-time)...........	14.1	13.5	13.4	15.8	5.3	13.5	14.0	12.5	14.3	14.7	17.0	14.6	19.4	5.4	5.0
lawyer..........................	0.3	0.2	0.3	0.5	0.6	0.1	0.4	0.2	0.5	0.2	0.4	0.4	0.8	0.7	0.4
nurse...........................	8.2	8.6	8.1	7.7	9.5	8.8	6.8	8.0	8.1	7.6	9.9	7.9	7.0	8.2	12.3
research scientist..............	0.2	0.1	0.1	0.3	0.2	0.1	0.0	0.1	0.2	0.1	0.1	0.2	0.4	0.1	0.4
social/welfare/recreation worker	1.4	0.8	1.6	1.7	3.2	0.8	1.1	1.5	1.9	1.8	1.5	1.7	1.6	3.1	3.5
skilled worker..................	2.7	3.3	2.5	2.2	3.6	3.3	3.2	2.9	1.9	2.2	2.1	2.5	1.3	4.0	2.6
semi-skilled worker.............	3.2	3.8	3.0	2.6	2.3	3.9	2.5	3.2	2.5	2.9	2.4	3.0	1.5	2.2	2.8
laborer (unskilled).............	2.0	2.5	1.9	1.4	2.3	2.7	1.1	2.1	1.3	1.5	1.4	1.7	0.8	2.6	1.8
unemployed......................	5.8	6.0	5.8	5.6	6.4	5.9	7.6	5.8	5.7	5.2	6.7	5.6	5.5	6.8	5.6
other...........................	20.5	22.8	20.1	18.2	24.7	23.1	19.6	20.8	18.7	18.7	19.5	19.2	15.0	26.3	21.2
Mother's Religious Preference															
Baptist.........................	17.1	17.8	21.7	9.2	59.7	16.7	29.1	24.3	14.1	29.0	3.1	9.1	9.6	59.9	59.1
Buddhist........................	0.6	0.3	0.5	1.2	0.4	0.3	0.9	0.3	0.9	0.5	0.5	1.1	1.4	0.4	0.4
Congregational..................	1.4	1.5	1.4	1.5	0.4	1.5	1.3	1.3	2.3	1.0	0.5	1.6	1.0	0.5	0.4
Eastern Orthodox................	0.6	0.5	0.5	1.0	0.2	0.5	0.5	0.4	1.0	0.5	0.5	0.9	1.0	0.3	0.0
Episcopal.......................	2.7	2.4	2.8	3.1	1.8	2.4	1.9	2.1	4.0	4.5	2.0	2.7	4.0	1.8	2.0
Islamic.........................	0.3	0.1	0.4	0.5	0.9	0.1	0.2	0.3	0.8	0.3	0.4	0.5	0.7	0.8	1.3
Jewish..........................	2.8	1.3	1.9	6.1	0.0	1.3	0.9	1.3	4.8	1.0	0.4	5.6	7.7	0.0	0.0
LDS (Mormon)....................	0.4	0.5	0.4	0.4	0.0	0.5	0.2	0.4	0.3	0.3	0.1	0.5	0.3	0.0	0.0
Lutheran........................	6.4	5.2	6.9	7.4	0.6	4.8	9.7	8.0	4.1	7.0	3.7	8.4	4.4	0.6	0.4
Methodist.......................	10.2	11.6	9.8	9.0	11.2	11.5	11.8	10.7	7.4	12.0	2.8	9.6	7.1	11.4	10.6
Presbyterian....................	5.4	5.4	5.1	5.8	2.2	5.6	4.1	4.3	6.6	8.0	2.4	5.8	5.9	2.4	1.7
Quaker..........................	0.3	0.4	0.3	0.3	0.0	0.4	0.2	0.2	0.4	0.4	0.3	0.3	0.2	0.0	0.0
Roman Catholic..................	35.0	36.3	31.9	38.0	8.0	37.7	22.1	30.7	33.8	16.3	75.6	36.6	42.6	7.4	9.4
Seventh Day Adventist...........	0.3	0.2	0.3	0.3	1.0	0.2	0.1	0.3	0.4	0.3	0.2	0.3	0.3	1.0	1.0
other Protestant................	5.5	6.0	5.6	4.8	1.8	6.1	4.5	5.0	7.0	7.4	2.6	4.9	4.3	1.6	2.3
other religion..................	4.6	4.7	5.0	3.8	8.4	4.4	8.0	4.8	4.4	7.8	2.0	4.0	3.2	8.2	8.8
none............................	6.3	6.0	5.6	7.6	3.3	6.1	4.7	5.7	7.7	3.8	2.7	8.0	6.3	3.6	2.7

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Reasons Noted as Very Important in Selecting This College															
relatives wanted me to come.....	8.1	8.6	8.6	6.7	14.9	8.4	11.0	9.1	6.5	9.0	8.4	6.6	7.0	14.9	15.0
advice of teacher...............	4.5	5.4	4.6	3.0	8.9	5.3	7.0	4.6	4.6	4.7	4.9	2.9	3.4	9.0	8.5
good academic reputation........	48.6	38.7	49.8	60.5	40.9	38.8	38.6	44.3	64.2	50.6	58.6	55.1	77.4	30.6	66.4
good social reputation..........	21.5	14.7	21.9	30.5	30.1	14.1	21.5	20.7	22.1	23.7	28.9	30.5	30.3	28.3	34.7
offered financial assistance....	22.6	19.2	28.2	18.5	36.1	18.2	30.0	23.0	31.1	43.0	36.3	15.1	29.1	33.6	42.5
offers special programs.........	18.5	20.1	18.9	15.5	27.8	20.0	21.7	16.8	25.5	19.5	17.5	14.7	18.2	23.0	39.7
low tuition.....................	21.3	21.2	22.0	20.4	29.4	22.3	9.6	31.5	7.1	7.2	6.6	26.1	2.5	33.5	19.1
advice of guidance counselor....	7.5	9.2	7.4	5.4	11.0	8.9	12.2	7.3	7.9	7.2	8.2	5.4	5.3	10.4	12.3
wanted to live near home........	14.7	17.2	14.7	11.4	15.5	17.5	14.8	16.9	8.4	12.7	15.6	12.9	6.8	17.0	11.8
friend suggested attending......	8.3	8.1	9.4	7.0	13.4	7.7	12.5	9.8	7.6	10.0	9.2	7.3	6.1	13.3	13.9
recruited by college rep........	4.6	3.8	6.5	2.5	10.1	3.3	9.3	5.1	5.5	12.7	9.2	2.3	3.4	9.1	12.5
recruited by athletic department	7.5	5.7	11.1	4.4	11.4	4.5	17.3	9.1	9.2	20.4	14.3	4.0	5.8	12.9	7.6
graduates go to top grad schools	23.0	19.9	22.2	28.5	22.7	19.4	24.9	18.0	31.3	25.9	28.1	23.3	44.8	16.8	37.1
graduates get good jobs.........	41.8	37.6	42.7	46.5	44.6	38.1	31.5	39.9	51.7	40.8	48.2	42.8	58.1	39.8	56.8
religious affiliation of college	4.3	3.4	5.9	3.2	8.0	2.4	13.1	2.5	6.6	17.2	11.4	1.5	8.8	6.9	11.0
size of college.................	28.7	23.4	36.4	24.1	29.9	22.2	36.2	31.5	39.4	48.7	47.6	19.3	39.1	28.7	32.8
Students Estimate Chances Are Very Good That They Will															
change major field..............	12.0	8.9	12.7	15.4	10.4	8.4	13.9	12.5	12.0	13.4	14.0	15.2	16.1	10.7	9.5
change career choice............	10.6	7.6	10.9	14.2	8.2	7.3	10.6	10.5	11.0	12.1	12.4	13.5	16.3	8.8	6.7
fail one or more courses........	1.8	1.9	1.8	1.6	2.7	1.9	2.6	1.9	1.5	2.2	1.4	1.7	1.2	2.4	3.5
graduate with honors............	14.8	13.9	14.4	16.9	26.0	14.1	11.6	13.5	16.6	14.9	14.8	15.0	22.6	25.8	26.5
be elected to student office....	3.6	3.1	4.1	3.5	7.1	3.0	3.7	3.8	4.4	5.0	4.5	2.9	5.3	5.9	10.4
get job to pay expenses.........	32.9	32.2	32.4	34.7	27.6	32.8	25.3	32.5	33.3	30.8	33.2	34.9	34.1	28.6	25.0
work full-time while attending..	3.8	4.8	3.8	2.3	6.6	5.0	2.6	4.4	2.5	3.2	2.8	2.6	1.5	6.1	7.7
join social frat or sorority....	15.2	9.7	17.4	19.6	23.6	9.3	13.5	16.5	18.4	21.1	14.8	18.1	24.3	22.5	26.8
play varsity athletics..........	20.8	18.5	26.7	15.0	30.4	17.1	32.7	23.1	28.9	37.0	31.3	14.2	17.5	31.3	27.9
be elected to an honor society..	8.2	6.5	8.5	10.3	14.9	6.5	6.1	7.6	10.1	10.1	8.9	8.8	14.9	13.3	19.3
make at least "B" average.......	41.8	37.6	40.4	49.8	43.8	38.3	30.0	37.8	47.0	40.8	44.9	46.4	60.5	42.1	48.6
need extra time for degree......	8.0	7.0	8.4	8.9	11.5	6.7	9.1	9.1	6.7	8.2	7.1	10.0	5.5	10.7	13.6
get tutoring in some courses....	13.3	14.2	13.8	11.2	26.0	13.7	18.7	13.9	13.6	14.6	12.6	11.3	10.7	22.7	35.1
work at outside job.............	16.9	19.4	15.7	15.2	13.1	19.9	13.5	17.5	11.9	12.7	16.1	16.4	11.6	13.5	11.9
seek vocational counseling......	4.5	4.1	4.7	4.9	6.9	4.1	4.8	4.5	4.7	5.2	5.3	4.3	6.7	6.1	8.9
seek individual counseling......	3.5	3.3	4.0	3.0	9.2	3.1	5.4	3.8	3.8	4.4	4.7	2.9	3.2	8.7	10.5
get bachelor's degree...........	64.5	46.8	71.5	78.8	71.6	46.1	54.1	70.3	77.3	70.6	67.9	77.4	83.3	69.6	77.0
participate in student protests.	5.9	4.4	6.6	6.8	15.2	4.4	4.2	5.9	8.2	7.3	6.9	6.5	7.7	14.3	17.8
drop out temporarily............	1.3	1.3	1.5	1.0	3.2	1.3	1.2	1.4	1.3	1.8	1.5	1.0	0.8	3.4	2.7
drop out permanently............	1.3	1.7	1.2	0.7	3.0	1.7	1.5	1.3	0.9	1.4	1.2	0.8	0.6	2.9	3.3
transfer to another college.....	13.3	21.4	11.3	5.1	13.1	20.7	28.8	12.9	5.8	12.3	8.9	5.8	3.0	14.2	10.1
be satisfied with college.......	45.3	40.2	45.2	52.8	42.9	40.6	36.2	42.6	52.4	46.5	46.2	48.8	65.1	40.7	48.8
find job in own field...........	66.9	64.9	66.8	69.9	69.8	65.6	57.9	67.8	66.1	64.6	64.1	69.6	70.8	69.2	71.6
marry while in college..........	3.9	3.9	4.2	3.3	5.0	3.9	3.6	4.4	3.0	5.2	3.6	3.6	2.3	5.3	4.3
participate in volunteer/com svc	9.7	7.5	10.4	11.5	12.4	7.4	9.4	8.5	12.5	14.7	12.6	9.2	18.4	10.0	19.0

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
SOURCES FOR EDUCATIONAL EXPENSES															
Received Any Aid From															
parents or family...............	79.5	75.6	78.7	86.2	73.9	75.0	82.2	73.9	88.4	84.2	84.6	84.9	90.5	72.8	76.6
spouse..........................	1.1	1.6	1.0	0.6	1.6	1.5	2.5	1.0	0.7	1.2	0.9	0.6	0.4	1.7	1.3
savings from summer work........	57.1	55.0	53.7	65.1	35.7	55.6	49.4	51.2	59.3	53.6	62.7	66.2	61.4	35.5	36.1
other savings...................	31.6	29.5	29.5	37.8	20.8	29.6	28.7	28.1	33.0	29.5	33.3	37.9	37.4	19.4	24.0
part-time job on campus.........	19.4	15.7	21.2	21.8	19.3	14.9	23.9	15.9	29.6	29.8	29.8	20.0	27.8	16.6	25.9
part-time job off campus........	21.2	26.0	19.0	18.1	16.5	26.5	20.7	21.5	13.8	14.4	19.9	20.4	10.7	16.8	15.6
full-time job while at college..	2.4	3.1	2.3	1.5	3.5	3.1	4.0	2.6	2.3	1.5	1.6	1.7	0.7	3.5	3.3
Pell Grant......................	20.6	24.4	21.6	13.8	38.5	24.0	29.0	20.3	20.8	27.6	23.1	14.1	13.0	37.5	40.9
Supp Educational Oppty Grant....	6.3	6.5	6.5	5.7	9.8	6.2	9.3	4.8	8.7	9.9	9.0	4.8	8.6	7.8	14.8
state scholarship or grant......	15.1	14.1	16.4	14.3	13.8	13.4	21.4	13.3	17.1	26.4	22.7	14.5	13.7	13.5	14.6
College Work-Study Grant........	9.3	6.6	11.5	9.5	12.5	6.0	13.1	7.0	16.8	20.3	20.5	7.1	17.2	9.2	20.5
other college grant.............	20.5	14.2	25.7	21.1	15.8	12.8	28.3	18.1	32.9	44.5	37.1	16.2	36.7	13.7	20.7
other private grant.............	10.3	8.9	10.4	12.0	7.5	8.5	12.6	7.9	13.8	15.6	13.4	10.4	17.2	6.3	10.4
other govt aid (ROTC,BIA,GI,etc)	4.6	5.2	5.1	3.1	6.0	5.3	3.7	6.5	3.5	1.9	2.8	2.8	4.0	6.0	5.9
Stafford/Guaranteed Student Loan	21.8	23.1	22.5	18.8	30.6	22.8	26.8	16.1	31.5	33.6	33.7	16.5	26.2	31.1	29.4
Perkins Loan....................	7.7	7.3	8.1	7.6	9.5	7.1	9.1	5.3	12.8	12.3	12.6	6.2	12.1	8.1	12.6
other college loan..............	6.5	7.2	6.1	6.2	6.9	7.2	6.8	4.9	8.6	7.5	7.8	5.8	7.6	6.4	8.1
other loan......................	6.2	7.1	5.8	5.7	5.6	7.1	7.8	4.8	8.0	6.8	6.7	5.8	5.5	4.4	8.7
other...........................	2.7	2.6	2.7	2.8	3.1	2.6	2.6	2.5	2.9	3.2	3.0	2.8	2.8	2.9	3.4
Received $1,500 or More From															
parents or family...............	54.9	45.7	53.9	69.3	39.4	44.8	54.9	45.4	71.7	61.4	68.2	65.8	80.6	37.2	44.8
spouse..........................	0.3	0.4	0.3	0.3	0.7	0.4	0.6	0.3	0.3	0.5	0.4	0.3	0.2	0.7	0.6
savings from summer work........	9.6	7.0	9.0	13.9	2.1	7.2	5.0	7.7	12.4	8.1	14.6	14.0	13.6	2.2	1.8
other savings...................	6.5	4.9	6.2	9.1	2.4	4.8	5.2	5.2	9.0	6.3	8.1	8.6	11.0	2.4	2.4
part-time job on campus.........	1.2	0.3	1.2	2.6	1.1	0.2	0.9	0.7	2.0	1.7	3.0	1.6	5.6	0.8	1.9
part-time job off campus........	1.3	1.1	1.4	1.6	1.0	1.2	0.7	1.3	1.5	1.1	2.2	1.7	1.4	1.2	0.6
full-time job while at college..	0.6	0.5	0.7	0.5	0.9	0.5	0.6	0.7	1.0	0.5	0.4	0.6	0.3	0.9	1.0
Pell Grant......................	6.3	6.0	7.3	5.3	14.9	5.6	10.6	6.0	8.2	10.7	9.5	5.2	5.9	12.5	20.8
Supp Educational Oppty Grant....	1.4	1.1	1.4	1.5	2.4	1.0	2.1	0.7	2.5	3.0	2.5	0.9	3.5	1.3	5.1
state scholarship or grant......	3.8	2.3	5.0	4.1	3.5	1.9	6.4	2.9	6.1	11.0	8.5	3.2	6.9	3.5	3.5
College Work-Study Grant........	1.3	0.2	1.4	2.5	1.5	0.2	1.0	0.6	2.8	1.9	3.0	1.5	5.7	0.8	3.3
other college grant.............	9.6	3.9	13.3	11.7	6.6	3.2	11.1	5.3	24.6	27.8	24.6	6.4	28.9	4.8	10.8
other private grant.............	2.8	2.3	2.8	3.6	1.9	2.2	3.5	1.7	4.9	4.4	4.3	2.3	7.8	1.4	3.3
other govt aid (ROTC,BIA,GI,etc)	2.9	2.6	3.6	2.3	3.2	2.7	1.6	4.7	2.5	1.1	1.7	1.9	3.6	3.1	3.4
Stafford/Guaranteed Student Loan	13.0	13.2	13.6	11.9	17.6	12.9	15.4	8.6	21.4	21.4	22.0	9.6	19.4	17.5	17.9
Perkins Loan....................	2.2	2.1	2.1	2.4	1.4	2.0	2.7	0.8	4.6	3.3	3.8	1.6	5.1	0.9	2.6
other college loan..............	3.5	3.5	3.4	3.9	3.1	3.5	2.9	2.4	5.7	4.1	4.7	3.3	5.8	2.8	4.1
other loan......................	3.5	3.5	3.4	3.6	3.1	3.5	3.4	2.5	5.7	4.1	4.5	3.4	4.3	2.6	4.4
other...........................	1.3	1.3	1.3	1.3	1.2	1.4	0.6	1.0	1.5	1.8	1.8	1.2	1.8	1.1	1.5

WEIGHTED NATIONAL NORMS FOR ALL MEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Objectives Considered to Be Essential or Very Important															
achieve in a in performing art..	10.3	8.8	11.6	10.5	17.0	8.4	12.5	11.2	11.5	13.2	12.0	10.3	11.1	17.2	16.6
become authority in my own field	67.4	66.1	68.0	68.4	77.3	66.1	66.3	68.7	67.5	66.0	66.7	68.0	69.8	76.1	80.2
obtain recog from colleagues....	56.0	52.9	57.2	58.6	68.2	52.6	55.4	57.7	56.6	55.4	58.6	58.5	58.7	68.0	68.9
influence political structure...	22.9	20.3	24.6	23.8	38.7	19.8	25.5	23.6	24.8	26.9	27.6	22.3	28.7	35.9	46.1
influence social values.........	36.3	32.5	39.6	36.6	55.2	31.7	40.6	37.8	39.6	45.4	43.8	34.9	41.9	52.1	63.6
raise a family..................	68.2	65.2	69.5	70.4	71.1	64.8	69.9	68.5	69.2	72.6	73.4	68.8	75.2	70.8	72.1
have admin responsibility.......	44.2	43.6	45.5	43.2	57.6	43.5	44.2	46.6	41.9	44.7	47.4	42.8	44.3	56.2	61.3
be very well off financially....	77.7	79.0	76.6	77.4	88.5	79.2	76.9	78.7	74.1	70.9	77.3	78.5	73.8	88.5	88.5
help others in difficulty.......	50.9	47.4	53.8	51.4	69.0	46.5	56.1	52.2	53.4	59.9	56.8	49.5	57.2	66.6	75.2
theoretical contrib to science..	20.3	16.4	20.8	24.8	26.9	16.4	16.5	21.1	22.2	18.8	18.5	25.1	23.9	24.7	32.4
write original works............	11.8	8.7	13.5	13.8	17.2	8.3	12.4	12.6	14.8	14.6	15.2	13.4	15.1	16.6	18.6
create artistic work............	12.3	12.4	12.2	12.2	18.3	12.1	15.8	11.7	13.8	12.3	11.6	12.8	10.5	19.0	16.4
be successful in own business...	49.5	54.4	47.1	46.2	66.1	54.5	53.6	47.6	44.2	48.2	48.6	46.9	43.8	66.6	64.6
be involved in environ cleanup..	33.5	31.8	34.0	35.0	37.3	31.5	35.4	33.0	35.0	36.0	35.7	34.9	35.4	35.8	41.4
develop philosophy of life......	41.8	36.8	43.4	46.4	56.2	36.3	42.3	41.7	45.7	47.6	43.6	44.1	53.4	55.0	59.5
participate in community action.	22.1	19.3	24.6	22.2	42.9	18.7	25.3	23.8	23.8	28.4	26.2	21.0	26.1	40.8	48.7
promote racial understanding....	34.1	27.3	38.6	36.7	70.7	26.3	37.8	37.0	40.7	41.9	40.1	35.1	41.9	68.5	76.5
keep up to date with politics...	46.5	40.2	48.7	51.8	56.0	40.0	42.6	46.4	53.0	51.7	51.4	48.4	62.4	53.9	61.8
Political Views															
far left........................	2.3	2.2	2.5	2.1	4.8	2.2	2.6	2.4	3.1	2.0	2.1	2.2	1.8	4.5	5.5
liberal.........................	20.3	18.2	20.5	22.8	26.7	18.2	18.3	19.2	24.1	20.8	21.2	22.9	22.5	24.1	33.1
middle of the road..............	51.7	57.5	49.9	46.5	48.4	57.9	53.0	52.5	45.2	45.2	48.3	48.2	40.8	51.7	40.0
conservative....................	24.0	20.6	25.2	26.8	18.5	20.3	23.8	24.0	25.3	29.6	26.2	25.0	32.4	18.1	19.4
far right.......................	1.8	1.6	2.0	1.8	1.7	1.5	2.4	1.8	2.3	2.3	2.2	1.7	2.5	1.6	1.9
Agrees Strongly or Somewhat															
govt not protecting consumer....	64.7	67.0	64.8	61.3	77.2	67.0	67.1	65.4	63.2	64.9	63.6	62.8	56.5	76.1	79.8
govt not controlling pollution..	87.0	86.2	86.8	88.3	85.1	86.5	82.9	86.5	88.5	86.1	86.4	88.2	88.7	85.1	85.0
raise taxes to reduce deficit...	33.8	27.2	34.8	41.5	23.0	27.0	29.0	34.6	36.0	33.9	34.9	40.5	44.6	23.5	22.0
too much concern for criminals..	69.8	72.4	69.3	67.3	55.1	72.8	67.5	70.6	65.8	69.1	66.6	67.9	65.4	54.2	57.1
increase fed military spending..	29.0	34.2	29.7	20.6	32.7	33.9	37.2	30.6	26.3	31.7	26.4	20.6	20.7	33.4	31.0
abortion should be legal........	65.0	66.5	61.9	67.7	66.5	67.4	57.3	62.2	67.8	56.4	53.5	69.2	62.9	67.0	65.2
abolish death penalty...........	18.5	16.3	19.7	19.5	36.1	15.9	20.9	18.5	21.6	20.4	24.8	18.4	23.2	35.9	36.7
sex OK if people like each other	66.3	69.2	63.7	66.4	65.3	70.1	59.0	64.8	67.7	53.8	63.8	68.8	59.0	65.9	63.7
married women best at home......	30.6	33.6	31.0	26.2	40.3	32.9	41.0	30.9	28.7	33.6	32.3	26.6	24.9	40.0	40.8
marijuana should be legalized...	21.7	21.7	20.5	23.6	20.9	21.5	23.7	19.2	24.4	20.2	22.5	24.1	22.2	20.6	21.6
busing OK to achieve balance....	56.4	59.0	55.6	53.9	69.1	59.0	59.6	55.2	56.4	56.1	56.2	54.5	51.9	68.6	70.2
prohibit homosexual relations...	56.0	63.3	56.0	46.0	59.2	62.9	68.0	58.3	47.2	58.9	52.4	48.1	39.4	59.7	57.8
college increases earning power.	76.0	81.9	74.9	69.5	81.4	81.8	82.9	78.5	68.3	69.8	71.5	72.6	59.6	82.2	79.5
employers can require drug tests	78.5	78.3	79.6	76.9	77.0	78.3	78.8	80.7	76.4	80.6	76.0	76.5	78.0	76.2	78.7
control AIDS by mandatory tests.	66.5	73.1	65.7	58.5	70.6	73.1	73.5	67.8	60.6	63.6	64.4	60.4	52.5	71.4	68.7
man not entitled to sex on date.	79.2	75.7	80.3	82.5	74.7	75.7	75.4	80.0	80.8	81.2	79.9	81.4	85.8	75.6	72.7
fed govt do more control handgun	65.5	59.3	67.4	71.2	80.0	58.5	67.4	64.9	72.4	69.3	72.5	69.6	76.4	78.2	84.2
national health care plan needed	69.7	72.8	69.1	66.5	82.1	72.9	71.0	68.9	70.4	67.6	70.9	67.8	62.4	82.5	81.4
de-emphasize organized col sport	34.9	35.8	34.6	34.0	36.9	35.9	34.6	33.7	37.0	35.6	34.9	33.3	36.3	36.7	37.5
nuclear disarmament attainable..	61.4	62.7	60.3	61.5	60.0	62.8	61.3	60.9	59.6	58.2	61.1	62.6	58.2	60.6	58.7
publish all science findings....	57.1	59.0	56.8	54.8	61.5	59.0	58.8	57.0	57.1	55.2	57.4	55.3	53.1	60.9	62.8
students help evaluate faculty...	74.9	72.9	74.7	78.0	71.6	72.8	74.0	74.4	76.8	73.6	73.7	77.5	79.5	70.9	73.3
racial discrim no longer problem	23.2	27.4	22.0	19.1	13.6	27.7	24.5	23.6	18.5	20.3	20.8	20.4	15.1	15.1	10.2

Notes

1. Percentages will sum to more than 100 if any students check more than one category.
2. Because no Black two-year colleges participated in the 1990 survey, the associated Black enrollment is deflated in the two-year college norms and inflated in the four-year college norms.
3. Based on the curriculum recommendations of the National Commission on Excellence in Education.
4. Frequently only on this item, all other items in this group reflect responses for frequently or occasionally.
5. Students who applied to no other college (i.e. who applied to only one college) are not included in this item.
6. Recategortization of this item from a longer list shown in Appendix C.
7. Comparisons with the previous years not recommended due to change in item order.

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Year Graduated from High School															
1990	92.1	83.3	96.4	98.6	95.3	82.1	94.0	95.9	97.5	96.6	97.9	98.4	99.2	94.6	96.8
1989	2.4	3.9	1.8	1.0	3.0	4.0	2.7	1.9	1.7	1.6	1.3	1.2	0.6	3.3	2.4
1988	0.8	1.6	0.4	0.2	0.9	1.7	0.6	0.4	0.2	0.3	0.4	0.2	0.1	1.1	0.4
1987 or earlier	3.0	7.0	0.9	0.2	0.7	7.6	1.4	1.1	0.3	1.0	0.3	0.2	0.1	0.9	0.3
H.S. equivalency (G.E.D. test)	1.7	4.0	0.4	0.0	0.1	4.3	1.1	0.6	0.2	0.2	0.1	0.1	0.0	0.1	0.1
never completed high school	0.2	0.3	0.1	0.0	0.0	0.3	0.0	0.1	0.1	0.2	0.0	0.0	0.1	0.0	0.0
Age on December 31, 1990															
16 or younger	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.0	0.3
17	2.3	1.8	2.4	2.9	4.4	1.7	2.2	1.9	3.8	2.6	2.1	2.6	3.9	3.9	5.6
18	72.4	64.2	76.0	79.4	75.3	64.0	66.5	75.7	78.2	74.5	76.1	79.3	79.8	75.0	76.1
19	18.8	19.8	19.0	16.8	16.6	19.1	26.0	19.3	16.3	20.2	20.2	17.1	15.7	17.0	15.7
20	1.8	3.2	1.2	0.6	2.3	3.2	2.9	1.2	1.1	1.2	1.0	0.7	0.3	2.6	1.7
21-24	1.6	3.6	0.6	0.2	1.0	3.8	1.4	0.8	0.4	0.5	0.4	0.2	0.1	1.2	0.5
25-29	1.2	2.8	0.3	0.0	0.2	3.1	0.3	0.4	0.1	0.3	0.0	0.0	0.0	0.3	0.0
30-39	1.4	3.4	0.4	0.0	0.1	3.7	0.5	0.5	0.0	0.3	0.0	0.0	0.0	0.1	0.0
40-54	0.5	1.1	0.1	0.0	0.0	1.3	0.2	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.1
55 or older	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Racial Background (1)(2)															
White/Caucasian	83.5	90.5	78.0	82.2	1.1	91.6	80.4	76.3	77.9	82.5	82.7	82.8	80.2	1.4	0.5
Black/African-American	10.6	5.5	16.8	7.7	98.2	5.0	9.5	19.8	14.4	13.6	4.8	8.4	5.3	97.9	99.0
American Indian	1.4	1.4	1.7	1.0	2.2	1.5	1.1	2.1	1.1	0.8	0.7	1.0	0.9	2.2	2.4
Asian-American/Oriental	2.8	1.4	2.1	6.3	0.5	1.3	3.1	1.5	4.2	1.9	2.4	5.4	9.4	0.5	0.3
Mexican-American/Chicano	1.5	1.1	1.4	2.4	0.2	0.8	3.6	1.0	1.1	1.1	6.5	2.0	3.4	0.2	0.2
Puerto Rican-American	0.6	0.5	0.6	0.7	0.5	0.4	0.6	0.3	1.0	0.3	1.9	0.6	0.9	0.6	0.3
other	1.7	1.6	1.6	2.1	1.2	1.3	4.3	1.0	3.1	1.4	3.0	1.9	3.0	1.1	1.3
Average High School Grade															
A or A+	11.4	5.2	12.2	20.1	3.8	5.3	4.0	10.4	15.5	15.9	11.7	16.6	31.9	2.3	7.4
A-	13.5	7.6	15.2	20.2	4.6	7.7	6.8	13.6	18.7	17.2	16.5	18.6	25.4	2.6	9.2
B+	19.9	16.5	21.3	23.1	17.6	16.9	13.2	21.2	22.1	20.0	22.1	23.3	22.2	16.6	20.2
B	26.1	28.3	25.7	23.2	23.6	28.8	23.8	26.7	23.4	23.7	26.9	25.5	15.4	22.3	26.9
B-	13.0	16.8	12.2	8.0	17.1	16.6	18.8	13.0	10.8	10.8	12.2	9.2	3.9	18.1	14.6
C+	10.8	16.8	9.0	4.0	22.4	16.6	19.0	10.1	6.4	8.6	7.4	4.9	1.2	25.4	15.1
C	5.2	8.6	4.3	1.4	10.6	8.0	13.9	4.9	3.1	3.7	3.1	1.8	0.1	12.4	6.4
D	0.1	0.2	0.1	0.0	0.2	0.2	0.6	0.1	0.1	0.1	0.1	0.0	0.0	0.3	0.1
Miles from College to Home															
5 or less	7.1	10.9	5.6	3.5	5.9	11.3	7.3	5.9	3.5	5.0	8.4	3.8	2.5	6.2	5.1
6-10	7.5	10.6	5.5	6.0	5.5	10.8	8.5	5.8	3.7	4.8	8.9	6.6	4.1	5.7	5.1
11-50	29.9	40.6	24.8	21.5	17.0	41.7	31.2	29.0	15.1	19.2	24.8	23.4	15.0	19.4	11.3
51-100	17.9	15.9	19.0	19.2	14.7	16.0	15.9	21.2	15.0	16.3	15.7	22.1	9.4	17.0	9.5
101-500	27.7	16.6	33.1	36.3	32.9	15.8	23.1	32.1	34.2	36.6	31.9	36.4	35.8	34.0	30.4
more than 500	9.9	5.4	12.0	13.5	24.0	4.4	13.9	5.9	28.4	18.2	10.4	7.7	33.3	17.8	38.7

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Estimated Parental Income															
less than $6,000	3.6	4.5	3.5	2.1	9.3	4.5	3.9	3.8	2.6	3.6	3.5	2.3	1.3	8.7	10.7
$6,000-$9,999	3.6	5.4	3.1	1.8	7.5	5.6	3.9	3.3	2.2	3.5	2.6	2.0	1.3	7.5	7.7
$10,000-$14,999	5.8	7.9	5.3	3.5	9.9	8.2	5.5	5.6	4.1	5.8	4.8	3.9	2.2	10.1	9.4
$15,000-$19,999	5.8	7.1	5.6	4.1	10.1	7.0	7.4	6.0	4.7	5.1	5.2	4.6	2.7	10.4	9.5
$20,000-$24,999	7.2	8.6	6.9	5.5	9.0	8.7	7.1	6.9	6.2	7.6	6.3	5.9	4.0	9.3	8.3
$25,000-$29,999	6.7	7.2	7.0	5.4	10.0	7.3	6.3	7.4	5.8	7.2	6.2	5.8	4.0	10.3	9.4
$30,000-$34,999	9.4	11.1	9.0	7.2	9.2	11.6	7.3	9.7	7.2	8.9	8.8	7.8	5.3	9.7	8.2
$35,000-$39,999	8.7	9.5	8.7	7.4	5.8	9.5	9.1	9.4	6.9	8.2	8.1	7.9	5.6	5.5	6.4
$40,000-$49,999	12.0	11.9	12.2	11.5	8.2	12.1	10.6	13.0	10.3	11.8	11.2	12.3	8.9	8.5	7.7
$50,000-$59,999	11.2	10.1	11.8	12.1	7.1	10.1	10.6	12.7	9.7	10.9	11.0	12.8	9.9	7.6	6.1
$60,000-$74,999	10.7	8.1	11.4	13.5	7.7	7.9	9.9	11.6	11.8	9.8	11.5	13.6	13.0	7.7	7.6
$75,000-$99,999	6.8	4.3	7.1	10.2	3.8	4.1	6.5	6.2	9.4	7.2	8.4	9.6	12.3	3.4	4.6
$100,000-$149,999	4.4	2.1	4.5	7.7	1.5	1.8	5.5	2.7	9.1	5.4	6.3	6.3	12.7	0.9	3.0
$150,000 or more	4.2	2.2	4.0	7.9	0.8	1.8	6.3	1.7	10.1	5.0	6.0	5.2	16.8	0.6	1.3
Status of Parents															
living with each other	69.6	66.6	69.8	74.1	42.4	66.4	68.1	68.3	69.8	73.0	75.6	73.0	77.7	42.0	43.6
divorced or separated	24.7	26.1	25.0	21.8	48.4	26.1	25.7	26.3	25.5	21.9	19.6	22.7	18.5	48.9	47.2
one or both deceased	5.8	7.3	5.2	4.2	9.2	7.5	6.2	5.4	4.7	5.1	4.8	4.3	3.8	9.1	9.2
Have Met or Exceeded Recommended Years of High School Study (3)															
English (4 years)	95.6	92.8	96.6	98.6	97.4	92.6	94.1	95.8	98.4	96.7	98.2	98.4	99.2	97.3	97.6
mathematics (3 years)	90.4	83.2	93.1	97.3	91.3	82.7	87.3	91.6	96.1	94.1	95.0	96.8	98.8	90.1	94.3
foreign language (2 years)	78.4	64.4	82.4	93.8	71.0	63.3	74.6	77.8	92.5	84.6	91.1	92.6	97.8	68.2	77.8
physical science (2 years)	43.4	36.1	44.4	53.6	31.9	36.6	32.2	40.9	52.4	45.6	51.1	52.7	56.5	31.1	33.9
biological science (2 years)	34.0	25.9	37.8	40.1	29.7	25.8	27.6	37.3	38.4	38.7	37.6	40.2	39.9	28.2	33.1
history/American govt (1 year)	98.7	98.2	99.0	99.2	98.3	98.1	98.7	98.8	99.2	99.1	99.1	99.1	99.3	98.2	98.5
computer science (1/2 year)	50.7	48.3	52.9	50.7	45.2	48.7	44.9	53.1	52.7	50.7	56.4	49.4	55.2	41.6	53.2
arts and/or music (1 year)	75.8	74.1	75.7	78.6	68.6	74.3	72.7	73.7	79.6	77.3	79.3	78.4	79.3	68.4	69.0
Racial Composition of Student's High School															
completely white	15.8	19.3	14.2	13.0	2.0	20.1	11.8	15.3	10.9	13.5	14.0	14.0	9.6	1.8	2.7
mostly white	57.7	55.7	57.0	62.1	27.2	56.2	51.2	55.2	61.5	56.4	62.6	61.6	63.7	25.4	31.4
roughly half non-white	19.0	20.5	18.4	17.6	25.8	19.9	26.1	18.4	18.0	21.4	14.2	17.1	19.3	26.3	24.6
mostly non-white	5.9	3.6	7.8	6.2	29.8	3.0	8.7	8.4	7.1	6.0	7.3	6.1	6.4	32.5	23.2
completely non-white	1.6	0.8	2.6	1.2	15.2	0.7	2.3	2.7	2.5	2.7	1.9	1.2	0.9	14.0	18.1
Racial Composition of Student's Neighborhood															
completely white	41.4	47.3	38.3	37.3	2.7	48.2	39.4	39.2	33.8	39.1	40.3	38.7	32.4	2.2	4.0
mostly white	41.8	39.7	40.5	47.6	15.2	39.8	39.3	38.4	45.3	42.3	42.8	46.1	52.6	14.8	16.2
roughly half non-white	6.5	5.7	7.2	6.7	15.3	5.5	7.2	7.1	8.0	7.0	6.8	6.5	7.2	14.8	16.5
mostly non-white	6.1	4.5	7.8	5.7	33.8	4.1	7.4	8.5	7.8	5.8	6.1	5.7	5.6	35.4	29.9
completely non-white	4.1	2.7	6.2	2.8	33.0	2.3	6.6	6.9	5.1	5.7	4.0	2.9	2.2	32.8	33.4

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Activities Engaged in by Student During the Past Year															
attended a religious service....	85.8	82.7	88.8	85.7	93.3	82.1	87.9	88.6	85.1	92.7	91.4	84.8	88.8	92.6	95.0
was bored in class (4)..........	28.1	23.0	29.3	34.1	18.8	22.6	26.9	29.5	31.2	26.8	28.8	34.7	32.2	18.7	19.0
participated in demonstrations..	41.1	40.2	43.2	38.7	50.6	39.6	45.3	43.0	44.3	43.5	41.3	39.9	34.7	49.4	53.5
won varsity letter in sports....	42.6	37.4	44.5	47.8	31.9	37.0	41.3	43.7	45.3	45.1	47.5	47.9	47.6	32.1	31.4
didn't complete homework on time	63.8	60.9	66.4	64.0	66.7	59.8	69.9	65.7	68.7	66.2	66.4	64.8	61.2	66.5	67.1
tutored another student.........	46.4	35.1	49.6	58.8	48.9	35.4	32.1	47.1	54.8	52.8	51.3	56.0	68.4	44.9	58.4
did extra class work/reading (4)	11.9	10.6	12.4	13.0	17.8	10.5	11.7	11.7	14.0	13.1	12.3	12.6	14.6	16.9	20.1
studied with other students.....	86.4	80.7	88.8	91.3	86.8	80.0	87.0	88.4	89.1	89.3	89.6	91.0	92.2	86.1	88.4
was a guest in a teacher's home.	29.8	26.0	32.8	30.6	30.4	25.4	31.6	31.3	34.9	39.1	27.9	29.3	35.3	29.0	33.7
smoked cigarettes (4)...........	11.9	18.0	8.7	7.9	1.4	18.7	12.0	8.5	10.4	6.3	10.2	8.4	6.2	1.3	1.4
drank beer......................	51.7	52.9	48.1	56.2	19.1	53.6	46.4	48.4	50.5	37.4	59.4	57.3	52.3	20.1	16.6
drank wine or liquor............	59.2	58.1	57.6	63.9	32.1	58.6	53.5	58.3	59.8	47.5	66.6	64.6	61.6	31.5	33.6
stayed up all night.............	79.0	76.9	80.0	80.8	79.9	76.8	77.5	80.1	80.8	78.7	79.7	81.0	80.1	79.0	82.1
spoke other language at home (4)	5.5	3.8	5.4	8.7	4.4	3.1	9.5	4.2	8.1	4.8	9.8	7.9	11.2	4.2	4.6
felt overwhelmed (4)............	26.5	23.9	26.8	30.3	22.5	23.7	25.9	24.8	31.6	28.4	28.4	29.8	32.3	21.3	25.3
felt depressed (4)..............	10.6	10.4	11.3	9.8	14.7	10.2	12.0	11.2	11.7	10.9	11.5	10.2	8.6	15.0	14.0
studied in library (4)..........	11.2	9.3	12.2	12.5	17.3	9.2	10.6	11.5	14.2	11.9	13.5	12.0	14.2	15.6	21.3
performed volunteer work........	65.3	57.6	68.7	71.5	67.8	57.1	61.3	65.3	74.6	73.6	72.8	69.1	79.9	65.7	72.7
visited art gallery or museum...	53.9	43.4	57.7	64.5	56.1	42.3	52.9	52.8	69.6	60.8	62.2	61.8	73.5	54.9	58.8
took vitamins...................	58.6	60.3	58.1	56.9	55.7	60.3	59.8	57.3	59.3	59.6	58.5	56.3	59.1	56.0	55.1
came late to class..............	55.5	48.8	58.5	61.1	62.0	48.0	55.8	57.1	63.6	59.6	56.1	60.4	63.6	60.9	64.5
wore glasses or contact lenses..	55.3	53.7	55.9	56.6	51.5	53.9	52.4	55.6	55.0	57.2	58.1	56.8	56.1	50.7	53.7
played a musical instrument.....	40.8	35.1	43.9	44.8	40.1	34.9	37.2	42.3	44.9	49.9	42.4	43.9	47.7	39.7	41.2
checked out book from sch lib(4)	30.5	25.1	33.7	33.5	36.5	24.6	29.6	32.9	35.3	35.4	32.9	33.0	34.9	33.8	42.9
asked teacher for advice (4)....	31.0	25.7	33.9	34.5	39.6	25.2	29.7	32.0	38.1	37.1	33.5	33.3	38.5	36.7	46.6
Student's Religious Preference															
Baptist.........................	19.3	21.0	22.6	10.7	62.1	20.2	27.8	25.8	14.6	29.0	3.9	10.8	10.6	65.5	54.2
Buddhist........................	0.3	0.2	0.2	0.5	0.0	0.1	1.1	0.1	0.4	0.1	0.1	0.5	0.7	0.0	0.0
Congregational..................	1.1	0.8	1.3	1.4	0.7	0.8	1.0	1.2	2.3	1.2	0.4	1.6	0.9	0.7	0.8
Eastern Orthodox................	0.5	0.6	0.4	0.8	0.0	0.6	0.4	0.3	0.6	0.3	0.6	0.8	0.9	0.0	0.0
Episcopal.......................	2.4	2.1	2.5	2.8	1.9	2.0	2.6	1.8	4.6	3.3	1.1	2.6	3.5	1.9	1.9
Islamic.........................	0.2	0.0	0.3	0.3	0.8	0.1	0.0	0.2	0.6	0.2	0.2	0.3	0.5	0.4	1.7
Jewish..........................	1.9	0.7	1.5	4.8	0.1	0.6	0.9	1.0	4.3	0.5	0.2	4.4	6.0	0.2	0.0
LDS (Mormon)....................	0.3	0.2	0.3	0.3	0.0	0.2	0.4	0.4	0.2	0.4	0.1	0.3	0.2	0.0	0.0
Lutheran........................	6.0	5.0	6.5	6.5	0.6	4.4	10.6	7.5	3.8	7.0	3.8	7.3	3.9	0.5	0.9
Methodist.......................	10.2	12.8	8.9	8.3	9.8	13.3	9.1	9.7	6.6	11.3	3.4	8.8	6.6	9.0	11.5
Presbyterian....................	4.5	4.5	4.2	5.1	1.5	4.6	3.5	3.4	5.4	6.8	1.9	4.9	5.6	1.5	1.4
Quaker..........................	0.2	0.2	0.2	0.2	0.0	0.2	0.2	0.1	0.4	0.4	0.2	0.2	0.2	0.0	0.0
Roman Catholic..................	31.8	30.7	30.6	35.9	7.0	31.6	22.9	29.7	27.8	14.4	73.6	34.7	39.8	5.4	10.6
Seventh Day Adventist...........	0.3	0.3	0.2	0.2	0.7	0.3	0.1	0.3	0.2	0.2	0.2	0.3	0.2	0.7	0.6
other Protestant................	4.5	4.6	4.7	3.9	1.1	4.7	3.8	3.6	7.1	7.6	2.1	3.9	3.9	0.8	2.0
other religion..................	6.2	6.8	6.4	5.0	8.5	6.6	8.7	6.0	6.4	10.6	2.2	5.3	4.2	8.2	9.2
none............................	10.3	9.5	9.4	13.2	5.1	9.8	6.9	8.9	14.7	6.6	5.9	13.4	12.3	5.1	5.0
Born-Again Christian?															
no..............................	68.5	64.3	66.4	79.1	48.0	65.4	54.8	66.1	71.8	50.0	88.3	79.0	79.4	48.3	47.3
yes.............................	31.5	35.7	33.6	20.9	52.0	34.6	45.2	33.9	28.2	50.0	11.7	21.0	20.6	51.7	52.7

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
High School Accomplishments															
pres of 1 or more student orgs..	22.1	16.2	24.4	27.8	24.4	15.9	18.8	22.0	29.4	28.3	23.8	25.4	35.9	21.1	32.3
rated high in music contest.....	13.7	9.0	16.1	17.0	9.4	8.4	14.5	15.9	14.0	20.6	13.3	16.9	17.2	8.1	12.7
in speech/debate contest........	6.6	4.6	7.4	8.3	6.9	4.3	7.4	6.4	9.0	9.4	7.2	7.6	11.0	5.4	10.7
had a major part in a play......	13.6	11.0	15.3	14.8	14.1	10.7	14.3	13.4	19.0	19.5	14.4	14.0	17.4	12.8	17.2
won award in art competition....	9.3	8.3	9.4	10.6	5.3	8.3	8.7	8.1	13.0	10.1	9.9	10.8	10.0	5.0	6.1
edited a school publication.....	15.4	11.9	16.8	18.5	10.1	11.9	12.5	14.8	20.7	19.9	16.6	17.2	23.1	8.2	14.7
had original writing published..	15.8	11.0	17.9	19.8	12.7	10.4	15.6	15.3	24.2	21.0	18.2	18.5	24.3	11.2	16.1
won award in science contest....	3.7	2.2	4.2	5.5	4.9	2.2	2.2	3.8	4.9	5.2	3.4	4.9	7.3	4.2	6.5
member of scholastic honor soc..	32.6	17.7	36.5	50.0	20.8	18.0	15.9	33.4	42.6	41.9	36.1	45.7	64.5	15.9	32.8
Student Rated Self Above Average or Highest 10% in															
academic ability...............	50.3	31.1	55.3	73.1	40.5	31.1	31.2	52.1	64.2	58.4	53.9	69.9	84.0	35.5	52.6
artistic ability...............	22.6	19.4	22.7	27.5	15.4	19.2	21.8	20.0	30.5	24.4	22.4	26.7	30.1	14.3	17.8
competitiveness................	42.1	34.2	43.4	52.9	39.7	34.0	35.2	42.3	46.4	44.8	43.2	50.9	59.4	37.5	45.0
cooperativeness................	72.2	66.3	74.4	77.8	70.4	65.9	69.5	73.3	76.9	76.1	74.8	77.1	80.1	68.0	76.3
drive to achieve...............	65.2	55.3	68.0	76.2	71.4	55.0	57.8	66.0	72.3	71.1	68.2	74.0	83.9	68.6	78.2
emotional health...............	51.7	46.1	53.0	58.8	54.4	46.2	45.1	52.0	55.5	55.2	50.8	57.3	63.8	53.5	56.5
leadership ability.............	46.1	36.3	49.0	56.8	51.7	35.6	42.3	47.0	53.5	52.1	48.4	54.8	63.5	50.5	54.7
mathematical ability...........	30.4	20.4	32.0	44.0	22.4	20.8	17.3	31.0	36.0	31.6	32.1	41.6	52.1	19.2	30.0
physical health................	48.7	44.7	48.6	55.2	47.6	44.3	48.5	47.6	52.1	48.1	49.8	54.3	58.3	46.5	50.2
popularity.....................	36.8	31.7	37.1	44.6	40.0	31.2	36.3	36.8	39.7	36.4	35.0	44.1	46.4	39.3	41.6
popularity with opposite sex....	35.1	31.7	34.9	40.9	38.8	31.4	34.5	34.8	37.3	33.2	32.8	41.2	39.8	39.0	38.5
public speaking ability.........	26.7	18.9	29.1	34.9	30.9	18.2	25.4	27.0	34.7	30.8	29.3	32.9	41.7	28.3	36.9
self-confidence (intellectual)..	40.9	29.1	44.5	53.8	53.6	28.9	31.2	42.5	50.5	47.1	42.3	51.3	62.5	50.4	61.3
self-confidence (social)........	39.5	34.1	40.8	46.0	52.7	33.9	36.3	40.1	43.3	41.8	39.1	45.3	48.4	51.7	55.0
understanding of others.........	70.1	62.7	73.1	76.8	68.5	62.1	68.4	71.1	78.0	74.2	74.9	76.0	79.6	66.8	72.7
writing ability................	40.6	31.3	43.4	51.2	40.2	30.5	37.7	40.4	51.5	46.4	41.7	49.1	58.4	37.6	46.5
Prior Credit at This Institution															
no.............................	95.8	94.0	97.0	96.8	96.8	93.8	95.7	97.2	96.6	97.0	97.1	96.6	97.3	97.7	94.8
yes............................	4.2	6.0	3.0	3.2	3.2	6.2	4.3	2.8	3.4	3.0	2.9	3.4	2.7	2.3	5.2
This College is Student's															
first choice...................	71.0	70.4	70.3	73.4	49.6	71.0	65.2	68.4	72.6	73.8	72.8	72.3	77.0	46.1	57.9
second choice..................	22.3	22.6	23.1	20.5	36.6	22.2	25.7	24.5	20.9	20.8	21.3	21.3	17.7	38.4	32.3
third choice...................	4.5	4.3	4.8	4.1	10.4	4.1	5.9	5.2	4.4	4.1	4.1	4.2	3.8	11.5	7.6
less than third choice.........	2.2	2.7	1.8	2.0	3.5	2.7	3.2	1.9	2.1	1.3	1.8	2.2	1.5	4.0	2.2
Number of Other Colleges Applied to for Admission This Year															
none...........................	33.3	48.4	25.3	22.9	18.1	50.2	32.7	28.9	17.2	24.5	16.6	25.8	12.8	19.2	15.4
one............................	16.3	16.4	17.0	14.9	14.8	15.9	20.8	18.7	11.5	17.4	15.3	16.4	9.7	15.1	14.1
two............................	16.8	14.5	19.1	16.6	21.4	13.8	21.0	20.1	14.7	19.8	19.9	17.4	14.1	22.6	18.5
three..........................	14.3	11.1	16.3	15.8	20.7	10.7	14.7	15.8	16.1	17.1	18.7	15.7	16.1	20.5	21.1
four...........................	8.2	5.2	9.7	10.4	12.6	5.2	5.7	8.3	12.9	10.0	12.7	9.4	13.7	12.2	13.5
five...........................	5.1	2.4	6.1	7.8	6.2	2.4	2.3	4.4	11.4	5.6	8.6	6.4	12.4	5.4	8.3
six or more....................	6.0	2.0	6.6	11.6	6.3	1.9	2.8	3.8	16.2	5.6	8.2	8.8	21.2	5.1	9.2
Permission to Use Student I.D.															
yes............................	78.8	78.4	78.9	79.2	81.8	78.9	73.6	79.0	80.1	78.8	75.2	79.2	78.9	84.4	74.8
no.............................	21.2	21.6	21.1	20.8	18.2	21.1	26.4	21.0	19.9	21.2	24.8	20.8	21.1	15.6	25.2

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
HOURS PER WEEK IN THE LAST YEAR															
None															
studying or doing homework......	0.9	1.5	0.7	0.4	0.8	1.5	1.4	0.9	0.5	0.4	0.4	0.4	0.2	1.0	0.5
socializing with friends........	0.3	0.5	0.2	0.2	0.3	0.4	0.7	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.6
talking w/teacher outside class.	7.0	9.9	5.1	5.5	6.1	10.1	7.9	5.8	4.1	3.9	4.6	6.1	3.5	6.7	4.7
exercising or sports...........	6.2	7.4	6.3	4.2	15.9	7.4	7.5	6.8	5.2	5.9	5.4	4.5	3.2	16.4	14.8
partying.......................	17.5	19.4	17.6	14.0	17.8	19.5	19.0	16.5	18.1	24.4	13.2	13.9	14.5	17.3	19.0
working (for pay)..............	27.1	27.9	26.0	27.9	30.2	27.7	29.1	22.9	33.6	29.9	24.6	24.6	38.9	28.6	34.0
volunteer work.................	48.3	56.4	44.8	41.4	49.9	57.0	51.3	49.0	38.0	38.7	39.2	44.6	30.7	53.4	41.5
student clubs and groups........	22.6	31.5	18.2	15.7	23.4	32.0	27.2	20.4	14.2	14.0	18.4	17.9	8.3	26.2	16.9
watching TV....................	4.4	3.3	4.6	5.7	1.9	3.3	3.8	3.6	7.4	5.3	4.9	5.4	6.8	1.8	2.1
Six or More Hours															
studying or doing homework......	44.7	36.4	47.0	54.1	40.8	35.9	41.2	42.3	57.2	51.1	53.1	50.5	66.3	37.1	49.6
socializing with friends........	75.5	70.7	77.0	80.5	62.9	70.6	71.5	76.4	79.3	75.0	79.7	80.2	81.7	61.9	65.4
talking w/teacher outside class.	5.7	5.4	6.4	4.8	10.3	5.2	7.0	6.0	7.5	6.4	6.8	4.7	5.2	10.0	11.0
exercising or sports...........	37.7	35.3	37.7	41.4	23.8	35.2	36.1	35.6	42.1	38.8	42.0	40.2	45.4	22.8	26.1
partying.......................	29.6	29.7	28.5	31.6	23.4	29.8	28.6	29.2	27.8	23.0	35.0	32.4	29.0	23.0	24.2
working (for pay)..............	62.3	61.3	63.7	61.4	59.4	61.7	57.9	67.5	55.0	57.4	65.7	65.4	47.8	60.6	56.5
volunteer work.................	6.0	5.1	6.7	6.4	8.8	4.9	7.0	5.8	8.6	7.2	8.2	5.9	8.1	8.0	10.9
student clubs and groups........	18.0	14.3	19.6	20.9	18.3	14.3	14.6	18.0	23.5	20.4	21.7	19.0	27.4	16.3	23.1
watching TV....................	30.1	32.8	29.7	26.2	45.2	32.8	32.8	30.8	27.1	29.3	27.9	27.1	23.1	45.8	43.6
Sixteen or More Hours															
studying or doing homework......	7.9	4.8	8.4	12.2	8.4	4.5	6.7	5.9	14.8	10.1	10.6	9.8	20.1	6.6	12.7
socializing with friends........	32.9	32.3	33.0	33.8	27.0	32.3	31.7	32.9	34.6	30.3	35.4	34.1	32.7	27.3	26.3
talking w/teacher outside class.	0.6	0.5	0.8	0.6	1.3	0.5	0.4	0.8	1.2	0.6	0.7	0.7	0.5	1.1	1.8
exercising or sports...........	10.7	10.4	10.7	11.2	6.8	10.4	9.6	10.1	11.4	11.0	12.4	11.0	11.9	6.7	7.0
partying.......................	6.5	8.1	5.5	5.4	5.6	8.2	7.5	5.6	5.5	4.7	6.6	5.9	4.0	5.6	5.6
working (for pay)..............	36.9	38.4	37.4	33.6	40.1	38.8	34.7	41.1	29.1	31.9	37.8	37.1	21.7	41.2	37.4
volunteer work.................	1.5	1.5	1.5	1.3	2.7	1.4	1.9	1.3	2.0	1.7	1.9	1.2	1.6	2.4	3.3
student clubs and groups........	3.7	2.8	4.0	4.6	4.0	2.8	3.2	3.5	5.4	4.2	4.7	4.1	6.3	3.3	5.5
watching TV....................	6.6	7.4	6.8	5.0	15.8	7.3	8.0	7.5	5.7	5.9	5.4	5.4	3.8	16.2	14.7
U.S. Citizen?															
yes............................	97.8	98.4	98.0	96.6	98.8	98.9	93.9	98.8	96.0	97.9	96.5	96.8	95.9	98.8	98.9
permanent resident.............	1.5	0.9	1.2	2.9	0.9	0.8	1.9	0.9	2.1	0.8	2.3	2.9	3.0	0.9	0.6
no.............................	0.7	0.7	0.8	0.5	0.3	0.3	4.2	0.3	1.9	1.2	1.2	0.3	1.1	0.2	0.4
Native English Speaker															
yes............................	95.9	96.9	96.4	93.3	98.4	97.5	91.8	97.3	94.1	96.7	93.2	93.8	91.5	98.5	98.3
no.............................	4.1	3.1	3.6	6.7	1.6	2.5	8.2	2.7	5.9	3.3	6.8	6.2	8.5	1.5	1.7
Residence Planned During Fall 1990															
with parents or relatives.......	24.3	39.5	16.3	13.5	12.4	41.5	21.8	20.1	6.8	9.8	20.8	15.3	7.0	13.1	10.8
other private home, apt, room...	7.1	14.6	2.7	2.7	2.0	15.8	4.4	3.8	0.7	1.1	1.4	3.3	0.6	2.5	0.8
college dormitory..............	64.8	39.0	78.9	81.7	84.3	35.6	69.5	73.4	91.2	88.1	76.7	79.2	90.5	83.0	87.3
fraternity or sorority house....	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0
other campus housing...........	2.7	4.5	1.6	1.8	1.0	4.6	3.4	2.1	1.1	0.6	1.0	1.8	1.7	1.0	1.0
other..........................	1.1	2.3	0.4	0.2	0.3	2.5	0.9	0.5	0.1	0.3	0.1	0.2	0.1	0.3	0.1

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Highest Degreee Planned Anywhere															
none	1.3	1.9	1.1	0.7	1.8	1.9	2.2	1.1	1.0	1.3	0.9	0.8	0.3	1.9	1.5
vocational certificate	0.7	1.6	0.3	0.1	0.3	1.8	0.6	0.3	0.2	0.2	0.1	0.1	0.0	0.5	0.1
associate (AA or equivalent)	6.3	16.1	1.0	0.4	0.7	17.4	6.0	1.2	0.3	1.2	0.9	0.5	0.1	0.8	0.4
bachelor's (BA, BS)	27.6	30.9	27.8	22.2	18.3	30.6	33.1	31.6	19.7	25.0	23.7	24.6	14.6	21.6	10.8
master's (MA, MS)	38.1	32.4	42.0	39.8	40.1	31.8	37.4	42.9	40.2	40.6	42.0	40.2	38.5	43.3	33.0
PhD or EdD	12.5	8.0	14.4	16.2	19.2	7.8	9.9	12.4	19.7	15.8	14.5	15.4	18.7	17.0	24.3
MD, DO, DDS, DVM	6.6	3.7	6.5	11.0	8.9	3.7	3.6	4.9	9.2	8.2	8.7	10.0	14.2	5.9	15.8
LLB or JD (law)	4.9	2.5	5.1	8.2	8.0	2.3	3.6	3.8	8.0	5.9	7.6	6.9	12.1	6.2	12.1
BD or MDiv (divinity)	0.2	0.2	0.3	0.2	0.9	0.2	0.5	0.4	0.3	0.3	0.1	0.2	0.2	1.0	0.8
other	1.8	2.5	1.5	1.2	1.6	2.5	3.2	1.5	1.5	1.6	1.4	1.2	1.3	1.8	1.2
Highest Degree Planned at Freshman College															
none	3.6	5.9	2.5	1.5	1.8	6.0	5.4	3.1	1.3	2.3	1.8	1.8	0.6	2.2	1.1
vocational certificate	1.5	3.5	0.4	0.2	0.3	3.7	1.9	0.4	0.3	0.5	0.2	0.2	0.2	0.2	0.3
associate (AA or equivalent)	25.3	62.9	3.0	1.1	1.7	62.6	65.2	3.5	1.2	3.5	2.3	1.3	0.3	2.0	1.1
bachelor's (BA, BS)	51.5	20.6	73.0	65.5	66.5	20.8	19.0	68.4	80.5	78.5	76.0	64.3	69.2	63.1	73.1
master's (MA, MS)	12.6	3.5	16.5	21.1	19.6	3.3	4.9	19.5	12.6	11.0	15.6	21.6	19.4	21.9	15.1
PhD or EdD	1.7	0.4	1.7	4.1	4.3	0.4	0.3	1.9	1.7	1.3	1.5	4.3	3.3	4.5	3.9
MD, DO, DDS, DVM	1.1	0.3	0.6	3.4	1.5	0.3	0.0	0.6	0.6	0.5	0.6	3.5	3.3	1.3	2.0
LLB or JD (law)	0.8	0.1	0.6	2.1	1.5	0.1	0.5	0.6	0.6	0.8	0.8	1.9	2.7	1.7	1.1
BD or MDiv (divinity)	0.2	0.1	0.3	0.1	0.7	0.1	0.3	0.4	0.1	0.2	0.1	0.1	0.1	0.9	0.3
other	1.8	2.7	1.4	1.0	2.1	2.7	2.4	1.5	1.0	1.4	1.1	1.0	0.8	2.2	1.8
Reasons Noted as Very Important in Deciding to Go to College															
parents wanted me to go	37.1	37.2	38.0	35.5	54.2	36.5	43.7	38.2	36.6	38.8	37.7	35.3	36.0	55.2	51.5
could not find a job	7.6	10.1	6.7	4.9	12.3	10.4	7.8	7.7	4.7	5.7	5.8	5.5	3.1	12.8	11.0
wanted to get away from home	16.2	13.0	17.7	18.6	22.6	12.2	20.0	17.7	18.2	17.7	16.9	18.7	18.2	22.3	23.2
get a better job	78.6	83.4	76.8	74.0	84.5	84.2	75.9	80.1	68.8	73.6	75.3	75.9	67.5	85.6	81.7
gain general education	69.1	64.8	70.9	73.0	82.4	64.4	68.4	68.9	76.0	71.7	72.9	71.0	79.8	82.6	81.9
improve reading and study skills	46.9	45.9	48.6	45.6	71.3	44.9	54.8	48.5	48.1	47.9	51.3	45.7	45.3	72.5	68.5
nothing better to do	1.8	1.6	2.0	1.7	3.8	1.6	1.9	2.0	2.1	2.0	1.9	1.8	1.6	3.8	3.7
become a more cultured person	45.7	39.2	48.1	52.0	65.4	38.6	44.6	44.6	57.3	49.9	51.1	49.3	61.4	63.9	69.0
make more money	70.0	74.8	67.7	66.5	82.8	75.5	67.9	72.6	57.4	61.3	65.0	69.3	57.0	84.0	80.0
learn more about things	77.0	74.4	77.4	80.8	81.1	74.3	76.1	75.8	82.6	76.9	78.0	79.7	84.5	80.7	82.2
prepare for grad/prof school	57.1	53.8	56.8	63.0	79.1	52.8	62.2	55.7	59.0	57.0	60.3	61.5	68.0	77.3	83.4
Reasons Noted as Very Important or Essential in Career Choice															
job openings regularly available	71.5	74.5	70.9	67.6	84.5	75.2	68.6	74.7	61.6	66.7	70.5	70.4	58.3	85.5	82.2
rapid advancement possible	59.9	62.7	58.5	57.7	81.7	62.9	61.3	61.6	52.9	52.9	57.7	59.4	51.9	82.9	78.9
high anticipated earnings	66.0	70.7	63.1	63.6	86.8	71.0	67.6	66.7	56.9	55.9	62.2	65.6	57.0	88.1	83.9
well-respected/prestigious job	64.4	67.5	62.3	62.9	83.1	67.6	65.9	64.8	57.5	57.5	63.1	63.6	60.4	84.2	80.4
great deal of independence	67.1	66.6	66.9	68.1	85.4	66.5	68.3	66.9	70.1	63.2	66.4	68.0	68.4	85.7	84.7
chance for steady progress	76.5	76.3	76.1	77.8	90.0	76.1	77.8	76.7	76.7	72.7	76.5	77.9	77.4	89.9	90.3
make important contrib to soc	74.3	70.1	76.8	76.9	82.4	69.7	73.8	75.3	79.1	79.9	77.5	75.7	80.7	81.1	85.3
can avoid pressure	35.7	38.4	35.8	31.3	54.1	38.0	41.9	37.3	33.3	33.0	35.0	33.2	24.9	56.7	47.7
can work with ideas	69.8	65.5	72.2	72.8	81.8	64.6	74.2	71.1	76.4	71.4	72.5	72.3	74.2	83.3	78.1
can be helpful to others	86.5	86.4	87.2	85.4	90.3	86.2	88.8	87.2	85.7	88.8	87.7	85.5	84.8	90.0	91.1
able to work with people	84.2	84.4	85.1	82.5	89.5	84.0	88.3	85.5	82.9	85.5	86.0	82.3	83.2	89.8	88.9
intrinsic interest in field	82.2	78.8	83.3	85.7	84.3	78.6	81.4	82.9	85.3	82.6	83.2	85.2	87.2	84.1	85.0
work would be challenging	76.2	72.9	77.2	79.7	82.4	72.4	77.4	75.7	81.1	77.9	78.1	78.4	84.0	81.5	84.3

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Probable Career Occupation															
accountant or actuary	5.5	5.8	5.9	4.5	8.5	6.1	3.0	7.0	3.2	4.7	6.0	4.8	3.3	9.6	5.9
actor or entertainer	0.9	0.5	1.2	1.2	1.0	0.3	1.9	0.9	2.4	1.2	1.0	1.0	1.9	1.1	1.0
architect or urban planner	1.1	1.7	0.5	1.3	0.7	1.8	0.5	0.5	0.5	0.4	0.3	1.4	0.8	0.7	0.7
artist	1.6	1.4	1.6	1.6	0.4	1.2	3.2	1.2	3.3	1.4	1.7	1.9	0.9	0.4	0.4
business (clerical)	2.0	3.8	1.1	0.6	1.6	3.9	2.4	1.3	0.7	0.8	0.8	0.7	0.3	2.0	0.6
business executive (management)	8.3	8.7	7.9	8.1	11.3	8.9	7.3	8.1	7.1	7.1	9.6	7.9	8.9	12.8	7.9
business owner or proprietor	1.5	1.6	1.5	1.5	2.3	1.5	2.4	1.5	1.8	1.2	1.5	1.4	1.6	2.5	1.8
business salesperson or buyer	1.3	1.4	1.3	1.3	1.7	1.4	1.2	1.4	1.2	0.9	1.3	1.3	1.0	2.2	0.7
clergy (minister,priest)	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.0	0.1	0.2	0.0	0.0	0.1	0.0	0.0
clergy (other religious)	0.1	0.1	0.1	0.1	0.0	0.1	0.2	0.0	0.2	0.4	0.1	0.0	0.1	0.0	0.0
clinical psychologist	2.5	2.3	2.7	2.4	3.5	2.3	2.1	2.3	3.3	3.4	3.4	2.5	2.3	3.3	3.9
college teacher	0.3	0.2	0.5	0.4	0.4	0.1	0.2	0.3	0.8	0.9	0.4	0.4	0.5	0.4	0.5
computer programmer or analyst	2.2	3.4	1.8	0.8	6.0	3.6	1.7	2.2	1.0	1.2	1.2	1.0	0.4	6.9	4.0
conservationist or forester	0.3	0.3	0.3	0.3	0.0	0.3	0.1	0.3	0.3	0.3	0.1	0.4	0.1	0.0	0.1
dentist (including orthodontist)	0.6	0.8	0.4	0.6	0.6	0.8	0.6	0.4	0.4	0.4	0.4	0.6	0.6	0.3	1.4
dietitian or home economist	0.3	0.2	0.3	0.4	0.1	0.1	0.4	0.3	0.2	0.2	0.5	0.5	0.2	0.0	0.2
engineer	2.4	1.2	2.6	4.1	3.9	1.2	0.6	2.9	3.2	1.2	1.0	4.1	4.1	3.0	5.8
farmer or rancher	0.1	0.1	0.1	0.1	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1
foreign service worker	1.0	0.4	1.0	2.0	0.3	0.4	0.5	0.5	2.1	1.6	1.4	1.4	3.9	0.1	0.7
homemaker (full-time)	0.4	0.8	0.2	0.1	0.1	0.9	0.0	0.1	0.2	0.3	0.1	0.1	0.1	0.1	0.0
interior decorator (incl design)	0.8	0.7	0.9	0.9	0.6	0.4	2.8	0.9	1.0	0.6	1.5	1.1	0.4	0.8	0.2
interpreter (translator)	0.2	0.1	0.3	0.3	0.1	0.1	0.2	0.2	0.4	0.5	0.4	0.3	0.4	0.0	0.2
lab technician or hygienist	0.6	1.1	0.4	0.3	0.4	1.2	0.1	0.4	0.2	0.3	0.3	0.3	0.2	0.4	0.3
law enforcement officer	0.5	0.7	0.5	0.2	0.8	0.7	0.3	0.6	0.3	0.2	0.5	0.2	0.1	0.9	0.5
lawyer (attorney) or judge	5.5	3.6	5.6	8.3	9.9	3.4	5.2	4.6	7.6	6.4	7.7	7.4	11.3	8.2	13.8
military service (career)	0.3	0.3	0.4	0.1	0.4	0.4	0.0	0.5	0.3	0.1	0.2	0.1	0.1	0.4	0.3
musician (performer,composer)	0.7	0.4	0.9	0.9	0.8	0.3	1.9	0.7	1.0	1.8	0.9	0.8	1.4	0.8	0.6
nurse	6.5	10.7	4.3	3.6	3.7	11.3	5.4	5.2	2.0	3.8	3.9	4.2	1.7	2.9	5.7
optometrist	0.2	0.1	0.2	0.3	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.3	0.2	0.1	0.1
pharmacist	1.2	1.0	0.7	2.6	0.7	1.0	1.0	0.6	0.8	0.7	0.5	3.0	1.0	0.3	1.6
physician	3.7	1.0	3.9	7.5	6.9	0.9	2.0	2.7	5.9	5.7	5.5	6.4	11.4	4.7	12.0
school counselor	0.6	0.6	0.7	0.4	0.6	0.6	0.6	0.7	0.5	0.7	0.6	0.4	0.3	0.6	0.4
school principal/superintendent	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0
scientific researcher	1.2	0.6	1.3	1.9	0.8	0.6	0.6	1.1	2.1	1.4	1.2	1.8	2.3	0.7	1.1
social,welfare,recreation worker	2.3	3.3	2.1	1.2	2.9	3.4	2.9	2.0	1.9	2.5	2.0	1.3	0.7	3.4	1.9
statistician	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.0
therapist (phys,occup,speech)	3.6	3.6	3.3	3.9	1.3	3.6	3.9	3.6	2.4	3.5	2.7	4.3	2.3	1.0	1.8
teacher (elementary)	9.2	8.3	12.5	4.8	7.7	7.8	12.8	14.7	6.3	11.8	10.1	5.4	2.8	8.6	5.6
teacher (secondary)	4.0	3.2	5.4	2.8	2.8	3.1	4.2	5.9	3.4	6.5	4.5	3.1	2.1	3.2	1.9
veterinarian	1.3	1.8	0.8	1.5	0.8	2.0	0.8	0.7	1.1	0.9	0.8	1.7	0.5	0.5	1.5
writer or journalist	2.6	1.6	2.9	3.7	1.9	1.5	2.6	2.3	4.5	3.2	2.9	3.2	5.1	1.7	2.2
skilled trades	0.4	0.7	0.1	0.1	0.2	0.8	0.5	0.2	0.1	0.0	0.1	0.1	0.1	0.3	0.0
other career	10.4	13.2	9.1	8.4	8.5	13.5	10.3	9.1	9.9	8.1	9.4	8.9	6.7	9.1	7.0
undecided	11.8	8.8	12.7	14.9	5.6	8.4	12.9	11.4	16.1	13.4	13.2	14.2	17.5	5.7	5.5
Twin Status															
no	98.0	97.5	98.2	98.3	97.4	97.6	96.9	98.2	98.5	98.0	98.0	98.3	98.5	97.3	97.7
yes-identical	0.8	1.1	0.7	0.6	1.1	1.0	1.5	0.7	0.5	0.8	0.8	0.6	0.5	1.3	0.9
yes-fraternal	1.2	1.4	1.1	1.1	1.4	1.4	1.6	1.1	1.0	1.2	1.2	1.1	1.1	1.4	1.5

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	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
PROBABLE MAJOR FIELD OF STUDY															
ARTS AND HUMANITIES															
art, fine and applied	2.2	2.0	2.3	2.6	0.7	1.7	5.1	1.6	4.9	1.8	2.6	2.9	1.4	0.7	0.5
English (language & literature)	1.6	0.6	2.2	2.2	1.9	0.6	0.9	1.3	4.4	2.7	2.8	2.0	3.0	1.5	2.9
history	0.6	0.2	0.8	0.9	0.5	0.2	0.4	0.5	1.3	1.0	1.2	0.7	1.5	0.4	0.6
journalism	1.7	1.1	1.6	2.7	1.6	1.0	2.0	1.5	2.1	1.7	1.7	2.5	3.4	1.7	1.2
language/literature (ex English)	0.7	0.3	0.8	1.2	0.2	0.3	0.4	0.5	1.4	0.9	1.2	1.1	1.6	0.1	0.2
music	0.9	0.5	1.2	1.0	1.1	0.3	2.5	1.0	1.4	2.2	0.7	0.9	1.6	1.3	0.7
philosophy	0.1	0.0	0.1	0.2	0.1	0.0	0.1	0.0	0.3	0.1	0.2	0.2	0.3	0.1	0.1
speech	0.1	0.0	0.2	0.2	0.4	0.0	0.1	0.2	0.1	0.2	0.1	0.2	0.3	0.5	0.1
theater or drama	0.8	0.6	0.9	0.9	0.4	0.6	0.7	0.7	1.9	1.1	0.7	0.8	1.5	0.4	0.6
theology or religion	0.1	0.1	0.1	0.1	0.0	0.0	0.5	0.0	0.2	0.4	0.1	0.0	0.2	0.0	0.0
other arts and humanities	0.8	0.9	0.6	1.1	0.3	0.9	1.2	0.5	1.2	0.6	0.9	1.2	1.0	0.4	0.2
BIOLOGICAL SCIENCES															
biology (general)	1.7	0.3	2.2	3.0	3.3	0.3	0.3	1.6	3.2	3.0	3.1	2.6	4.4	2.4	5.4
biochemistry or biophysics	0.4	0.1	0.4	0.7	0.5	0.1	0.2	0.3	0.7	0.5	0.5	0.6	1.0	0.4	0.9
botany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
marine (life) science	0.7	0.8	0.6	0.7	0.0	0.8	0.9	0.6	0.7	0.7	0.4	0.6	0.8	0.0	0.1
microbiology or bacteriology	0.1	0.0	0.1	0.3	0.1	0.0	0.0	0.1	0.2	0.1	0.0	0.3	0.3	0.1	0.0
zoology	0.3	0.3	0.3	0.5	0.4	0.3	0.3	0.3	0.2	0.4	0.1	0.6	0.2	0.5	0.1
other biological sciences	0.5	0.5	0.5	0.6	0.5	0.5	0.3	0.5	0.6	0.5	0.4	0.6	0.6	0.5	0.5
BUSINESS															
accounting	5.8	6.1	6.2	4.7	9.1	6.5	2.6	7.3	3.2	4.9	6.6	5.1	3.6	10.6	5.7
business admin (general)	4.7	5.7	4.1	4.0	7.0	5.6	7.0	4.2	3.4	4.4	4.7	3.8	4.4	7.6	5.5
finance	0.6	0.0	0.8	1.3	1.2	0.0	0.3	0.9	0.7	0.6	1.2	1.2	1.6	1.3	0.9
marketing	2.2	1.4	2.6	2.9	3.7	1.4	2.2	2.8	2.4	1.5	3.0	2.9	2.9	4.6	1.6
management	3.2	3.8	3.2	2.3	4.7	3.8	3.2	3.6	2.8	2.4	3.3	2.5	1.8	5.5	2.9
secretarial studies	1.8	4.2	0.5	0.1	0.4	4.4	2.4	0.6	0.1	0.5	0.1	0.1	0.0	0.5	0.1
other business	1.7	2.5	1.0	1.4	1.2	2.6	2.1	0.9	1.2	1.0	1.8	1.3	1.8	1.5	0.5
EDUCATION															
business education	0.2	0.3	0.3	0.1	0.5	0.3	0.3	0.4	0.1	0.2	0.1	0.1	0.1	0.4	0.7
elementary education	8.7	8.4	11.4	4.3	8.0	7.9	12.7	13.4	5.9	10.9	9.3	4.9	2.4	9.2	5.0
music or art education	0.5	0.2	0.8	0.5	0.3	0.2	0.8	0.9	0.5	1.1	0.6	0.5	0.4	0.3	0.2
physical education or recreation	0.8	1.2	0.8	0.3	0.6	1.2	1.1	0.9	0.5	0.9	0.4	0.4	0.1	0.7	0.4
secondary education	2.2	1.3	3.1	1.7	1.5	1.3	1.8	3.5	1.5	3.8	2.6	1.9	1.0	1.6	1.2
special education	1.2	1.0	1.7	0.7	1.2	1.0	1.7	2.2	0.7	1.2	1.3	0.8	0.4	1.6	0.2
other education	0.5	0.4	0.7	0.4	0.6	0.4	0.6	0.7	0.5	0.6	0.5	0.4	0.2	0.7	0.3
ENGINEERING															
aeronautical/astronautical eng.	0.5	0.4	0.5	0.5	0.1	0.4	0.1	0.5	0.8	0.2	0.2	0.6	0.3	0.0	0.5
civil engineering	0.3	0.1	0.3	0.5	0.4	0.1	0.0	0.4	0.2	0.1	0.1	0.5	0.6	0.4	0.3
chemical engineering	0.4	0.0	0.4	0.8	0.5	0.0	0.1	0.5	0.5	0.3	0.2	0.8	0.6	0.0	1.7
electrical engineering	0.5	0.4	0.5	0.7	1.4	0.5	0.0	0.6	0.7	0.2	0.2	0.7	0.9	1.2	1.9
industrial engineering	0.1	0.0	0.2	0.2	0.2	0.0	0.0	0.2	0.2	0.0	0.0	0.2	0.2	0.3	0.1
mechanical engineering	0.3	0.3	0.3	0.5	0.5	0.3	0.1	0.4	0.6	0.1	0.1	0.5	0.5	0.4	0.8
other engineering	0.6	0.5	0.5	1.2	0.5	0.5	0.3	0.6	0.5	0.2	0.2	1.0	1.7	0.4	0.7

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						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
PROBABLE MAJOR FIELD OF STUDY															
PHYSICAL SCIENCES															
astronomy	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0
atmospheric science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
chemistry	0.4	0.1	0.6	0.6	0.6	0.1	0.2	0.6	0.8	0.7	0.8	0.6	0.8	0.5	1.0
earth science	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.1	0.2	0.0	0.1
marine science	0.2	0.2	0.1	0.2	0.0	0.1	0.6	0.1	0.2	0.1	0.2	0.2	0.2	0.0	0.0
mathematics	0.7	0.7	0.8	0.8	0.5	0.7	0.1	0.7	1.0	0.8	1.3	0.7	1.0	0.4	0.9
physics	0.1	0.0	0.2	0.2	0.1	0.0	0.2	0.1	0.3	0.1	0.2	0.2	0.3	0.1	0.1
statistics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other physical sciences	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0
PROFESSIONAL															
architecture or urban planning	0.9	1.3	0.4	1.2	0.5	1.4	0.4	0.5	0.4	0.2	0.3	1.3	0.8	0.6	0.4
home economics	0.4	0.2	0.6	0.5	0.8	0.2	0.2	0.7	0.2	0.4	0.4	0.5	0.2	1.1	0.2
health technology (med,dent,lab)	1.6	2.9	0.8	0.9	0.9	3.1	0.9	0.8	0.6	0.9	0.7	0.9	0.8	0.6	1.5
library or archival science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	7.0	11.8	4.4	3.9	3.2	12.5	5.6	5.2	2.0	3.8	4.4	4.5	1.9	2.2	5.6
pharmacy	1.2	1.0	0.6	2.5	0.4	1.0	1.0	0.6	0.8	0.7	0.3	3.0	0.9	0.1	1.3
predent, premed, prevet	3.4	2.2	3.0	5.9	3.6	2.3	1.4	2.3	4.0	4.2	4.3	5.5	7.0	1.4	8.8
therapy (occup,phys,speech)	3.1	3.4	2.7	3.4	0.8	3.4	3.5	3.1	1.7	2.8	2.1	3.9	1.9	0.5	1.6
other professional	1.5	1.9	1.2	1.4	1.0	1.8	2.0	1.2	1.0	1.2	1.5	1.4	1.3	1.1	0.9
SOCIAL SCIENCES															
anthropology	0.2	0.1	0.2	0.4	0.0	0.1	0.1	0.2	0.4	0.2	0.1	0.3	0.4	0.0	0.0
economics	0.3	0.1	0.3	0.5	0.5	0.1	0.1	0.2	0.7	0.3	0.4	0.4	0.8	0.4	0.9
ethnic studies	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.0
geography	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
political science	2.9	1.0	3.3	5.3	4.5	1.0	1.4	2.3	5.8	4.1	4.2	4.3	8.9	3.3	7.2
psychology	6.1	5.1	6.8	6.3	6.8	5.2	4.8	6.1	7.9	7.7	8.1	6.4	5.8	6.3	8.0
social work	2.1	3.2	1.8	0.7	2.8	3.3	2.5	1.8	1.5	2.1	1.5	0.8	0.5	3.3	1.4
sociology	0.6	0.5	0.7	0.5	1.4	0.5	0.6	0.7	0.7	0.7	0.5	0.5	0.4	1.6	1.0
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
other social sciences	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
TECHNICAL															
building trades	0.1	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
data processing or computer prog	0.9	1.7	0.6	0.1	2.0	1.8	0.8	0.7	0.3	0.3	0.2	0.2	0.1	2.3	1.2
drafting or design	0.3	0.5	0.1	0.2	0.2	0.5	0.6	0.1	0.2	0.1	0.3	0.3	0.0	0.2	0.1
electronics	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
mechanics	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other technical	0.2	0.4	0.1	0.0	0.1	0.4	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0
OTHER FIELDS															
agriculture	0.6	1.1	0.2	0.6	0.5	1.1	0.5	0.3	0.1	0.1	0.0	0.7	0.0	0.7	0.1
communications	2.5	1.5	3.2	3.0	4.2	1.2	4.0	3.1	3.6	3.1	3.3	2.7	4.3	4.7	2.9
computer science	1.4	1.8	1.3	0.8	3.7	1.9	1.3	1.5	0.9	1.1	0.8	0.9	0.4	4.0	3.1
forestry	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.0
law enforcement	1.0	1.5	0.9	0.5	1.6	1.5	1.4	1.1	0.5	0.7	1.0	0.5	0.3	1.6	1.7
military science	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
other field	2.1	3.3	1.5	1.4	1.0	3.2	3.9	1.2	2.5	1.8	1.7	1.5	0.9	0.8	1.5
undecided	7.1	4.9	7.9	9.3	2.5	4.8	6.2	7.6	9.2	7.9	7.7	8.9	10.5	2.4	2.8

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Father's Education															
grammar school or less..........	4.5	6.1	3.8	2.9	5.9	6.0	7.5	3.9	3.4	3.2	5.5	3.0	2.4	5.5	6.8
some high school................	8.3	12.0	7.2	4.2	12.2	12.3	9.3	8.2	4.7	6.7	6.3	4.7	2.6	13.1	10.1
high school graduate............	29.2	37.6	27.0	19.5	36.5	38.8	27.1	31.0	18.0	23.3	23.6	22.5	9.4	39.2	30.3
postsecondary other than college	4.8	4.2	5.7	4.5	5.1	4.1	4.4	6.2	3.9	5.2	6.2	4.9	3.1	5.1	5.2
some college....................	15.2	14.4	16.3	14.4	17.0	14.3	15.8	17.2	13.7	16.3	14.6	15.1	12.3	16.9	17.2
college degree..................	19.9	15.9	20.8	24.7	12.4	15.7	18.5	19.6	23.8	21.6	21.5	24.4	25.4	11.2	15.3
some graduate school............	2.4	1.5	2.6	3.4	1.5	1.5	1.9	2.0	3.6	3.3	3.3	3.1	4.5	1.3	1.9
graduate degree.................	15.8	8.3	16.7	26.5	9.3	7.4	15.5	11.8	29.0	20.5	19.0	22.3	40.4	7.6	13.3
Father's Occupation (5)															
artist (including performer)....	0.7	0.4	0.8	0.9	0.8	0.4	0.6	0.5	1.6	0.9	1.0	0.9	0.9	0.6	1.3
business........................	25.9	21.4	26.7	32.0	13.4	20.6	28.4	24.4	32.1	26.9	31.3	30.4	37.3	12.6	15.2
clergy or religious worker......	1.1	0.9	1.6	0.6	1.9	0.8	1.9	0.9	1.8	4.8	0.2	0.5	1.0	1.8	2.1
college teacher or administrator	0.8	0.5	0.9	1.2	0.4	0.5	0.8	0.6	1.6	1.2	0.9	1.0	1.8	0.2	0.9
doctor or dentist...............	2.0	0.7	1.9	4.2	0.6	0.5	2.3	0.8	4.7	2.4	3.0	2.9	8.6	0.4	1.2
education (secondary)...........	3.3	2.2	4.0	3.8	3.2	2.2	2.4	4.0	3.9	4.2	3.6	3.9	3.4	2.9	3.9
education (elementary)..........	0.8	0.7	0.9	0.8	0.4	0.7	0.7	0.9	1.0	0.8	0.8	0.9	0.6	0.4	0.6
engineer........................	7.3	6.3	7.0	9.2	4.6	6.4	5.9	7.4	6.9	6.1	6.1	9.2	9.2	4.9	3.7
farmer or forester..............	3.3	4.0	3.2	2.6	1.0	3.8	6.1	3.6	1.5	3.6	2.6	3.1	1.2	0.9	1.2
health professional (non-M.D.)..	1.2	1.2	1.0	1.4	1.3	1.3	0.7	0.9	1.4	1.0	1.2	1.5	1.0	1.2	1.3
lawyer..........................	1.5	0.7	1.4	3.1	0.3	0.6	1.2	0.6	3.5	1.9	2.6	2.3	5.9	0.0	1.0
military (career)...............	2.0	2.3	2.0	1.5	4.1	2.3	1.8	2.3	1.3	2.1	1.6	1.6	1.5	4.3	3.6
research scientist..............	0.4	0.1	0.5	0.7	0.2	0.1	0.2	0.4	0.8	0.4	0.5	0.7	1.0	0.2	0.1
skilled worker..................	9.5	11.3	9.1	7.4	8.7	11.7	7.6	10.4	6.3	8.0	8.1	8.2	4.5	8.6	9.0
semi-skilled worker.............	4.5	6.0	3.9	3.2	5.5	6.3	4.0	4.5	2.5	3.4	3.3	3.7	1.5	6.0	4.2
laborer (unskilled).............	3.9	5.4	3.4	2.2	5.9	5.7	2.3	4.2	1.8	2.7	2.8	2.6	1.1	6.6	4.4
unemployed......................	2.8	3.4	2.8	2.1	6.4	3.5	2.6	2.9	2.5	2.8	2.6	2.2	1.6	6.4	6.5
other...........................	28.9	32.3	29.0	23.1	41.3	32.5	30.5	31.0	24.7	26.8	27.9	24.6	17.8	41.9	40.0
Father's Religious Preference															
Baptist.........................	17.9	19.9	20.5	10.1	61.7	19.2	26.0	23.1	13.7	27.5	3.5	10.2	10.0	66.3	51.8
Buddhist........................	0.5	0.3	0.3	1.0	0.0	0.2	1.2	0.2	0.7	0.3	0.3	0.9	1.3	0.0	0.0
Congregational..................	1.0	0.6	1.2	1.3	0.3	0.6	0.5	1.0	2.5	1.1	0.4	1.5	0.9	0.1	0.8
Eastern Orthodox................	0.7	0.6	0.5	1.0	0.0	0.6	0.4	0.4	0.8	0.3	0.9	1.0	1.1	0.0	0.0
Episcopal.......................	2.5	2.3	2.5	2.8	2.2	2.2	2.8	1.8	4.6	3.4	1.2	2.5	3.7	2.2	2.1
Islamic.........................	0.3	0.1	0.4	0.5	1.3	0.1	0.1	0.3	0.8	0.3	0.3	0.4	0.7	0.9	2.0
Jewish..........................	2.5	1.0	2.0	5.7	0.4	1.0	1.1	1.4	5.5	0.9	0.6	5.2	7.0	0.5	0.3
LDS (Mormon)....................	0.2	0.0	0.3	0.3	0.0	0.0	0.1	0.4	0.3	0.3	0.1	0.3	0.2	0.0	0.0
Lutheran........................	6.6	5.8	7.0	7.2	0.5	5.1	11.3	8.1	4.3	7.2	4.8	8.0	4.4	0.2	0.9
Methodist.......................	10.2	12.4	9.0	8.9	8.2	12.7	9.5	9.8	7.1	11.0	3.5	9.3	7.4	7.1	10.8
Presbyterian....................	4.7	4.2	4.7	5.4	1.6	4.2	4.4	4.0	5.8	7.4	2.5	5.3	5.9	1.6	1.7
Quaker..........................	0.2	0.2	0.2	0.2	0.0	0.2	0.2	0.1	0.3	0.4	0.3	0.2	0.2	0.0	0.1
Roman Catholic..................	32.6	31.4	31.7	36.1	7.6	32.4	22.5	31.2	29.0	15.0	71.2	35.1	39.5	6.2	10.5
Seventh Day Adventist...........	0.2	0.2	0.2	0.2	0.7	0.3	0.0	0.2	0.3	0.2	0.1	0.2	0.2	0.7	0.8
other Protestant................	4.9	5.2	5.0	4.3	0.9	5.2	4.6	4.0	7.3	7.8	2.5	4.4	3.9	0.6	1.7
other religion..................	5.1	5.8	5.1	4.1	7.0	5.7	6.9	4.9	4.9	8.4	1.7	4.3	3.5	7.2	6.6
none............................	9.9	10.0	9.4	10.9	7.5	10.2	8.3	9.3	12.1	8.5	5.9	11.2	10.1	6.4	9.9

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Mother's Education															
grammar school or less..........	3.1	3.9	2.7	2.6	3.3	3.6	6.3	2.6	2.5	2.0	4.8	2.7	2.4	3.3	3.5
some high school................	7.3	11.4	5.8	3.4	9.5	11.8	7.7	6.8	3.4	4.9	5.1	3.8	2.2	10.4	7.6
high school graduate............	35.0	43.4	32.2	26.1	30.0	44.6	33.0	36.1	22.7	28.8	30.7	29.5	14.5	31.7	26.0
postsecondary other than college	7.6	6.7	8.6	7.5	7.4	6.7	6.9	9.2	7.2	7.6	8.6	8.0	5.9	7.9	6.2
some college....................	16.9	13.8	18.9	18.2	22.2	13.3	18.5	19.2	17.8	19.7	17.0	18.4	17.6	22.6	21.0
college degree..................	18.2	13.5	19.0	24.5	14.5	13.2	16.3	16.3	25.1	22.0	19.7	22.6	30.9	13.2	17.7
some graduate school............	2.7	1.7	3.0	4.0	2.1	1.6	2.0	2.3	4.5	3.5	3.3	3.4	5.8	1.9	2.7
graduate degree.................	9.1	5.6	9.9	13.6	11.0	5.2	9.3	7.4	16.8	11.4	10.6	11.6	20.6	9.1	15.4
Mother's Career (5)															
artist (including performer)....	1.5	1.2	1.4	2.0	0.5	1.0	2.4	0.9	3.1	1.6	1.3	1.8	2.6	0.5	0.6
business........................	13.8	13.1	13.8	14.8	12.4	12.9	15.5	13.8	14.9	12.4	13.7	14.7	15.4	12.4	12.3
business (clerical).............	10.5	10.5	11.0	9.4	8.6	10.6	10.3	12.1	8.8	9.7	9.7	10.1	7.4	8.9	8.0
clergy or religious worker......	0.1	0.0	0.2	0.1	0.2	0.0	0.1	0.2	0.3	0.5	0.1	0.1	0.2	0.2	0.3
college teacher or administrator	0.4	0.2	0.4	0.6	0.3	0.1	0.4	0.3	0.9	0.6	0.5	0.5	1.1	0.2	0.4
doctor or dentist...............	0.3	0.2	0.3	0.7	0.4	0.2	0.2	0.2	0.7	0.3	0.4	0.5	1.2	0.5	0.2
education (secondary)...........	3.5	2.0	4.1	4.7	5.1	1.9	2.5	3.5	5.5	5.4	3.7	4.4	6.0	4.5	6.5
education (elementary)..........	6.4	4.4	7.4	7.8	7.4	4.2	6.6	6.7	8.1	9.1	7.5	7.3	9.4	6.4	9.8
engineer........................	0.2	0.1	0.2	0.2	0.4	0.1	0.0	0.2	0.3	0.2	0.1	0.2	0.2	0.4	0.5
farmer or forester..............	0.4	0.5	0.3	0.3	0.0	0.5	0.7	0.4	0.2	0.4	0.4	0.4	0.1	0.0	0.0
health professional (non-M.D.)..	2.1	1.9	2.1	2.4	1.6	1.9	1.8	2.1	2.2	2.0	2.0	2.4	2.5	1.2	2.6
homemaker (full-time)...........	15.9	16.8	14.8	16.1	5.6	16.9	16.7	13.6	15.7	17.4	17.9	15.0	20.0	5.4	6.0
lawyer..........................	0.2	0.1	0.2	0.4	0.2	0.1	0.3	0.1	0.6	0.2	0.2	0.3	0.7	0.1	0.4
nurse...........................	7.9	8.3	7.6	7.6	9.0	8.6	6.4	7.5	7.1	7.4	9.4	7.8	7.0	9.1	8.7
research scientist..............	0.1	0.0	0.1	0.2	0.1	0.0	0.1	0.1	0.3	0.1	0.1	0.2	0.3	0.1	0.3
social/welfare/recreation worker	1.2	0.7	1.5	1.5	3.4	0.7	1.1	1.3	1.7	1.8	1.3	1.4	1.5	3.3	3.7
skilled worker..................	1.9	2.0	1.9	1.7	3.0	2.0	2.3	2.1	1.4	1.9	1.5	1.8	1.2	3.3	2.3
semi-skilled worker.............	2.9	4.0	2.4	2.0	3.5	4.2	2.2	2.8	1.7	2.2	1.9	2.3	1.0	3.9	2.7
laborer (unskilled).............	2.2	2.9	2.0	1.5	3.3	3.1	1.1	2.4	1.1	1.6	1.4	1.7	0.7	3.6	2.6
unemployed......................	5.7	7.1	4.9	4.6	7.1	7.4	5.2	5.0	4.9	4.6	5.3	4.7	4.4	6.9	7.5
other...........................	23.0	23.6	23.3	21.3	27.8	23.5	24.2	25.0	20.6	20.7	21.8	22.6	17.0	29.1	24.8
Mother's Religious Preference															
Baptist.........................	18.2	19.2	21.6	10.7	62.2	18.4	25.9	24.3	14.7	28.8	3.7	10.8	10.5	65.0	55.9
Buddhist........................	0.5	0.4	0.4	1.1	0.2	0.2	1.5	0.3	0.7	0.3	0.3	1.0	1.4	0.3	0.0
Congregational..................	1.2	0.8	1.4	1.6	0.6	0.8	0.8	1.2	2.7	1.2	0.5	1.7	1.1	0.5	0.9
Eastern Orthodox................	0.6	0.5	0.4	0.9	0.1	0.5	0.3	0.3	0.6	0.3	0.6	0.9	1.0	0.1	0.0
Episcopal.......................	2.8	2.6	2.8	3.1	2.2	2.6	3.0	2.0	5.2	3.6	1.5	2.9	4.0	2.3	1.9
Islamic.........................	0.2	0.1	0.3	0.4	0.8	0.1	0.0	0.2	0.6	0.2	0.2	0.3	0.6	0.4	1.5
Jewish..........................	2.3	1.0	1.8	5.3	0.2	1.0	0.8	1.3	4.9	0.7	0.4	5.0	6.5	0.2	0.1
LDS (Mormon)....................	0.2	0.1	0.3	0.3	0.0	0.1	0.3	0.4	0.3	0.4	0.1	0.3	0.3	0.0	0.0
Lutheran........................	6.7	5.9	7.2	7.3	0.7	5.3	11.2	8.3	4.6	7.2	4.4	8.2	4.4	0.6	1.0
Methodist.......................	11.3	13.8	9.9	9.6	10.7	14.3	9.7	10.8	8.0	12.1	3.6	10.2	7.7	9.6	13.2
Presbyterian....................	5.3	5.4	4.9	5.8	1.7	5.4	5.3	4.1	6.4	7.5	2.5	5.6	6.4	1.9	1.5
Quaker..........................	0.3	0.3	0.2	0.2	0.0	0.3	0.2	0.2	0.4	0.4	0.3	0.2	0.2	0.0	0.1
Roman Catholic..................	33.7	32.6	32.5	37.7	7.7	33.5	24.6	31.7	30.2	15.6	74.2	36.5	41.7	6.6	10.3
Seventh Day Adventist...........	0.3	0.3	0.3	0.3	0.5	0.3	0.0	0.3	0.3	0.2	0.3	0.3	0.2	0.4	0.6
other Protestant................	5.0	5.3	5.1	4.4	1.3	5.4	4.3	4.0	7.6	8.1	2.5	4.5	4.1	1.1	1.9
other religion..................	5.7	6.3	5.9	4.6	8.6	6.1	7.6	5.7	5.6	9.2	2.1	4.9	3.8	8.9	8.0
none............................	5.6	5.6	5.1	6.6	2.4	5.7	4.5	5.0	7.3	4.2	2.8	6.8	6.0	2.1	3.1

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1990

						2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Reasons Noted as Very Important in Selecting This College															
relatives wanted me to come	9.4	9.9	9.6	8.4	16.0	9.6	12.8	10.0	8.2	10.0	9.2	8.4	8.2	16.7	14.2
advice of teacher	3.8	4.0	3.9	3.0	5.8	3.7	6.9	3.9	4.2	3.8	3.8	2.9	3.3	5.8	5.9
good academic reputation	53.5	42.1	57.3	65.6	54.5	40.8	53.4	52.8	66.7	59.8	65.5	61.7	78.8	46.5	73.5
good social reputation	20.9	15.0	22.2	28.3	27.5	14.1	22.9	21.3	22.9	24.0	23.8	28.5	27.4	28.1	26.3
offered financial assistance	27.5	26.5	31.8	21.5	37.0	25.5	35.1	25.3	36.1	46.9	44.3	18.5	31.6	36.7	37.7
offers special programs	24.5	22.1	26.9	23.8	36.8	21.4	28.7	25.5	30.8	28.3	26.0	22.9	27.1	33.5	44.4
low tuition	25.2	28.2	24.2	22.0	29.7	30.1	11.1	35.1	7.7	7.4	8.0	27.6	3.0	34.6	18.0
advice of guidance counselor	7.6	9.6	7.2	5.2	9.4	9.1	13.5	7.7	6.7	6.2	7.2	5.4	4.5	9.8	8.5
wanted to live near home	24.1	32.6	21.0	15.8	20.5	33.4	25.5	24.3	12.7	17.2	21.1	17.7	9.5	23.9	12.5
friend suggested attending	9.6	11.6	9.2	7.1	9.9	11.4	13.5	10.1	7.1	9.0	7.8	7.6	5.7	11.0	7.4
recruited by college rep	3.5	3.0	4.7	2.0	6.6	2.2	10.2	2.9	5.4	9.8	7.6	1.8	2.5	5.6	9.0
recruited by athletic department	2.9	3.0	3.2	2.0	3.4	2.7	6.2	2.7	2.9	5.6	3.7	1.8	2.4	3.8	2.5
graduates go to top grad schools	25.0	20.8	24.7	32.5	29.9	19.7	29.9	20.6	32.5	29.2	30.4	28.9	44.3	22.8	46.4
graduates get good jobs	43.0	38.1	44.0	49.1	47.8	38.1	38.5	41.4	48.6	44.6	52.8	46.7	57.0	42.5	60.1
religious affiliation of college	5.8	3.7	8.7	3.9	8.6	2.1	17.9	2.5	12.5	26.2	15.0	1.3	12.6	6.9	12.5
size of college	40.4	36.5	49.8	29.8	37.5	34.2	56.7	43.1	56.4	63.3	61.0	24.4	47.9	34.5	44.4
Students Estimate Chances Are Very Good That They Will															
change major field	12.7	7.4	14.1	19.0	10.0	6.8	12.4	13.6	16.6	13.1	13.7	18.9	19.5	10.7	8.5
change career choice	12.2	6.6	13.7	18.6	9.0	6.0	11.5	12.8	17.0	13.4	13.8	18.1	20.4	9.3	8.3
fail one or more courses	0.9	0.6	1.1	1.0	1.5	0.5	1.4	1.2	1.0	1.2	1.1	1.0	0.8	1.5	1.7
graduate with honors	12.3	9.3	14.0	14.1	24.1	9.1	11.4	12.8	16.3	16.5	13.2	13.1	17.5	22.8	27.5
be elected to student office	3.4	2.5	4.3	3.5	9.9	2.3	3.8	3.7	5.4	5.0	5.0	3.1	5.0	9.2	11.8
get job to pay expenses	38.6	34.9	40.0	42.2	32.7	35.5	29.7	39.8	40.0	39.3	42.8	42.6	40.8	32.5	33.4
work full-time while attending	4.1	5.8	3.4	2.7	5.1	6.1	3.2	4.0	2.3	2.7	2.7	3.0	1.6	5.1	5.0
join social frat or sorority	18.9	10.8	22.5	26.1	31.2	9.9	18.4	21.7	23.1	25.6	21.2	24.0	32.9	30.5	32.8
play varsity athletics	10.8	10.4	12.3	8.8	11.5	9.9	14.1	9.9	15.7	16.6	15.5	8.3	10.4	11.9	10.5
be elected to an honor society	8.0	4.6	9.9	10.4	17.7	4.4	6.0	8.7	12.0	12.1	10.0	9.3	14.0	16.3	21.2
make at least "B" average	40.9	35.7	42.2	47.5	46.1	35.5	36.7	39.8	47.7	44.5	43.9	45.1	55.6	43.0	53.5
need extra time for degree	8.4	7.3	8.7	9.8	10.0	7.0	9.4	9.6	7.1	7.7	7.5	10.9	6.2	9.8	10.2
get tutoring in some courses	18.1	17.1	19.3	17.7	31.5	16.3	24.4	19.8	18.6	17.8	19.8	18.3	16.0	29.6	36.1
work at outside job	23.0	25.4	21.7	21.5	16.4	26.1	18.6	24.1	16.9	17.3	22.8	23.0	16.5	16.3	16.5
seek vocational counseling	5.6	4.0	6.0	7.3	7.2	3.8	6.0	5.4	7.8	6.4	6.6	6.6	9.5	6.3	9.4
seek individual counseling	3.9	2.7	4.8	4.2	8.9	2.2	6.7	4.3	6.1	5.3	5.3	4.3	4.0	8.1	10.8
get bachelor's degree	67.4	47.7	77.8	81.2	78.8	46.6	56.9	76.8	81.5	77.0	78.3	79.9	85.5	77.5	81.9
participate in student protests	8.1	4.9	9.4	10.9	15.7	4.6	7.0	7.8	15.1	9.6	8.9	10.5	12.2	14.1	19.7
drop out temporarily	0.8	0.9	1.0	0.6	1.6	0.8	1.4	0.9	1.0	1.1	0.8	0.6	0.6	1.6	1.5
drop out permanently	0.7	0.9	0.8	0.4	1.6	0.9	0.9	0.8	0.6	1.0	0.8	0.4	0.3	1.6	1.6
transfer to another college	12.4	17.9	10.7	6.0	10.8	17.4	22.6	12.2	7.1	10.5	8.3	6.8	3.5	11.8	8.3
be satisfied with college	55.5	52.8	55.6	59.9	47.7	52.6	55.2	52.0	62.6	59.7	59.0	56.7	70.8	43.7	57.4
find job in own field	73.8	73.7	73.8	74.1	74.3	74.1	69.7	75.5	69.3	73.0	72.2	74.1	74.0	74.5	73.7
marry while in college	6.8	7.6	6.9	5.1	4.7	7.8	6.4	7.8	4.5	6.9	5.3	5.7	2.8	4.7	4.6
participate in volunteer/com svc	18.1	11.4	21.2	23.6	22.9	11.2	13.3	16.7	30.5	26.7	24.9	20.1	35.3	19.8	30.4

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1990

						2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
SOURCES FOR EDUCATIONAL EXPENSES															
Received Any Aid From															
parents or family..............	78.0	68.5	81.4	87.3	79.0	66.7	84.1	77.6	89.6	85.2	85.2	85.9	92.0	78.1	81.2
spouse.........................	2.1	4.4	1.0	0.4	1.1	4.8	1.5	1.2	0.4	0.8	0.7	0.4	0.2	1.1	1.0
savings from summer work........	54.1	45.8	55.7	64.9	36.2	46.2	42.4	54.3	58.2	54.6	63.3	66.6	58.9	37.3	33.4
other savings..................	31.7	26.8	32.3	38.5	25.0	26.5	29.8	31.4	34.2	31.7	36.4	38.8	37.7	25.8	23.1
part-time job on campus.........	22.0	15.3	26.0	25.7	20.6	14.0	26.8	20.3	34.8	33.5	35.9	24.5	30.0	18.2	26.2
part-time job off campus........	22.3	26.9	20.1	18.7	16.8	27.3	23.0	22.6	14.1	16.1	21.8	20.8	11.4	17.3	15.7
full-time job while at college..	2.2	3.1	1.8	1.5	3.3	3.3	1.9	2.1	1.3	1.3	1.6	1.8	0.5	3.1	3.8
Pell Grant.....................	25.3	32.4	24.4	15.5	44.1	33.0	26.7	23.6	22.2	29.1	26.6	15.9	14.3	42.7	47.5
Supp Educational Oppty Grant....	7.2	7.3	7.5	6.4	13.1	7.2	7.8	6.0	8.8	10.4	10.8	5.5	9.3	11.3	17.4
state scholarship or grant......	16.8	15.3	19.2	15.1	17.1	14.1	26.2	16.5	18.8	27.4	25.4	15.2	14.9	17.9	15.0
College Work-Study Grant........	11.4	7.0	15.4	11.3	16.4	5.8	17.5	9.4	22.5	24.4	29.3	8.8	19.9	13.4	23.6
other college grant............	23.6	15.6	31.2	23.3	21.4	13.4	35.6	21.8	40.5	51.1	45.5	18.7	38.7	17.9	29.9
other private grant............	10.9	8.0	12.7	12.3	9.4	7.4	13.4	10.0	16.0	18.3	15.4	10.7	17.5	7.8	13.1
other govt aid (ROTC,BIA,GI,etc)	2.0	2.3	2.1	1.3	3.4	2.3	1.7	2.5	1.5	1.5	1.6	1.3	1.4	3.7	2.8
Stafford/Guaranteed Student Loan	23.4	25.1	24.3	19.1	34.9	25.0	25.7	17.6	30.6	37.6	37.6	16.8	27.1	32.2	41.5
Perkins Loan...................	7.5	6.0	8.7	8.0	9.6	5.8	7.5	5.7	13.0	12.3	15.0	6.8	12.1	8.4	12.4
other college loan.............	5.5	4.7	6.0	5.9	7.1	4.7	4.6	5.0	7.5	7.6	7.3	5.5	7.6	5.7	10.3
other loan.....................	6.2	5.9	6.4	6.5	8.7	5.8	6.5	6.0	7.2	6.8	7.5	6.5	6.5	8.1	10.0
other..........................	3.7	3.8	3.6	3.7	3.6	3.7	4.1	3.6	3.7	4.0	3.6	3.6	3.8	3.3	4.3
Received $1,500 or More From															
parents or family..............	51.7	36.6	55.6	69.3	40.6	34.3	57.8	48.3	72.3	60.9	65.0	65.8	81.5	38.9	44.7
spouse.........................	0.6	1.2	0.2	0.1	0.2	1.3	0.6	0.2	0.2	0.3	0.2	0.1	0.1	0.2	0.2
savings from summer work........	5.5	3.4	5.6	9.0	1.1	3.4	4.0	4.7	7.1	5.3	9.1	9.1	8.8	1.1	1.1
other savings..................	5.4	3.3	5.7	8.5	3.0	3.1	4.9	4.7	8.0	6.3	7.3	7.8	10.7	3.1	2.8
part-time job on campus.........	1.2	0.2	1.3	2.4	1.7	0.1	0.9	0.6	2.4	1.9	3.6	1.5	5.4	1.3	2.6
part-time job off campus........	1.1	1.0	1.0	1.2	0.9	1.0	1.5	1.0	0.8	1.0	1.5	1.3	1.1	1.0	0.9
full-time job while at college..	0.5	0.7	0.5	0.5	0.9	0.7	0.4	0.5	0.5	0.4	0.3	0.5	0.2	1.0	0.9
Pell Grant.....................	7.8	8.7	8.1	5.9	17.1	8.5	10.2	7.1	8.7	10.7	9.6	5.9	6.1	14.1	24.5
Supp Educational Oppty Grant....	1.3	0.9	1.5	1.5	2.5	0.8	2.3	0.7	2.7	2.5	2.7	0.9	3.3	1.6	4.4
state scholarship or grant......	3.7	2.3	4.9	4.1	3.8	1.5	8.7	2.8	6.4	9.5	8.4	3.3	6.9	4.0	3.3
College Work-Study Grant........	1.5	0.4	1.7	2.9	2.6	0.4	0.9	0.9	3.3	2.2	3.7	1.9	6.2	1.9	4.2
other college grant............	10.2	3.6	15.1	12.1	9.1	2.6	12.7	5.2	28.9	31.6	28.9	7.0	29.4	5.3	18.2
other private grant............	2.6	1.5	3.2	3.5	2.8	1.3	3.1	1.9	5.4	5.0	3.9	2.5	7.1	1.9	4.7
other govt aid (ROTC,BIA,GI,etc)	1.0	0.9	1.2	0.8	1.7	1.0	0.5	1.4	1.0	0.5	0.7	0.7	1.0	1.9	1.2
Stafford/Guaranteed Student Loan	14.1	14.7	14.8	12.0	21.5	14.5	16.0	9.4	21.2	24.6	23.8	9.7	19.7	18.1	29.5
Perkins Loan...................	2.0	1.6	2.2	2.3	1.9	1.6	1.8	1.0	4.2	3.7	4.7	1.6	4.9	1.4	3.3
other college loan.............	3.1	2.6	3.3	3.5	4.2	2.6	2.5	2.6	4.7	4.2	4.7	2.9	5.4	3.2	6.5
other loan.....................	3.7	3.2	3.9	4.1	5.1	3.0	4.7	3.2	5.1	4.4	4.9	3.7	5.3	4.6	6.1
other..........................	1.5	1.4	1.5	1.6	1.8	1.4	1.9	1.3	1.9	1.8	2.0	1.4	2.2	1.8	1.7

WEIGHTED NATIONAL NORMS FOR ALL WOMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Objectives Considered to Be Essential or Very Important															
achieve in a in performing art..	11.2	9.0	12.7	12.0	15.1	8.1	16.7	11.2	16.7	14.4	11.7	11.2	14.6	14.8	15.8
become authority in my own field	63.6	60.5	64.6	67.0	77.7	60.2	62.8	65.7	64.3	61.9	62.1	66.9	67.3	77.2	78.9
obtain recog from colleagues....	54.0	50.8	55.2	57.2	66.4	50.3	55.1	56.2	54.5	51.0	56.4	57.7	55.4	66.8	65.4
influence political structure...	18.6	15.6	19.8	21.2	34.3	15.1	20.2	18.2	23.9	20.8	21.6	20.2	24.6	33.2	37.0
influence social values.........	48.4	45.1	51.2	49.0	58.2	44.4	50.8	49.6	53.1	54.6	53.3	48.3	51.3	56.5	62.2
raise a family..................	70.6	70.8	70.6	70.4	63.1	70.8	71.0	70.6	68.9	72.1	72.3	69.6	73.2	63.3	62.8
have admin responsibility.......	41.8	42.6	41.7	40.7	55.4	42.6	43.2	44.3	36.4	37.3	41.5	41.6	37.6	57.0	51.5
be very well off financially....	70.3	73.7	67.8	69.2	87.7	73.8	72.2	71.6	61.3	59.6	68.3	70.8	63.7	88.5	85.7
help others in difficulty.......	71.4	70.2	72.9	70.7	79.6	69.8	73.7	72.5	72.2	75.2	73.8	70.5	71.3	79.0	81.0
theoretical contrib to science..	14.5	13.2	14.2	17.3	22.3	13.0	14.7	14.0	15.1	14.0	14.2	17.6	16.5	20.8	25.8
write original works............	12.5	11.0	13.4	13.5	14.1	10.6	14.2	11.8	17.7	14.8	13.2	13.0	15.1	14.1	14.2
create artistic work............	12.2	11.8	12.2	12.8	12.0	11.1	17.1	10.8	17.0	12.1	12.7	13.3	11.1	12.6	10.5
be successful in own business...	38.0	39.5	37.0	37.5	61.5	38.8	46.2	37.4	37.7	34.2	37.7	38.5	34.0	62.4	59.3
be involved in environ cleanup..	34.3	29.6	35.9	39.2	36.2	28.8	37.0	33.7	41.7	36.7	38.3	38.3	42.3	36.8	34.9
develop philosophy of life......	44.3	39.5	46.1	49.1	57.9	38.4	49.2	43.6	52.5	47.8	46.8	47.3	55.1	56.7	60.7
participate in community action.	29.1	23.8	31.9	32.6	46.8	23.0	31.0	29.7	37.2	34.5	32.6	30.6	39.1	45.0	51.1
promote racial understanding....	41.2	33.0	46.3	45.8	77.4	31.7	44.5	44.4	52.9	46.0	47.0	44.2	51.0	76.1	80.4
keep up to date with politics...	38.9	30.7	41.7	47.6	52.6	29.8	38.9	37.6	51.7	44.6	45.2	44.4	58.5	51.1	56.3
Political Views															
far left........................	1.4	1.3	1.6	1.3	3.8	1.3	1.0	1.5	2.1	1.5	1.1	1.4	0.9	3.9	3.8
liberal.........................	24.7	20.1	25.9	30.0	32.6	19.5	24.9	24.3	33.1	24.1	25.3	30.1	29.9	31.7	34.7
middle of the road..............	57.3	61.9	55.7	52.4	47.5	62.6	55.8	59.3	47.4	50.5	56.3	53.7	48.4	48.1	45.9
conservative....................	16.0	16.1	16.1	15.8	15.3	15.9	17.7	14.2	16.7	23.0	16.4	14.5	20.1	15.8	14.0
far right.......................	0.6	0.6	0.7	0.5	0.8	0.6	0.6	0.7	0.8	0.9	0.9	0.4	0.7	0.5	1.6
Agrees Strongly or Somewhat															
govt not protecting consumer....	71.6	71.2	72.6	70.3	79.7	71.0	72.8	72.8	73.8	71.5	70.6	71.3	67.2	79.3	80.5
govt not controlling pollution..	88.7	86.3	89.6	91.1	86.3	86.2	86.6	89.2	91.6	88.8	89.0	90.9	91.7	85.6	88.1
raise taxes to reduce deficit...	24.2	19.3	24.8	30.9	16.2	19.0	21.9	23.3	29.0	25.9	25.7	29.8	34.9	14.9	19.2
too much concern for criminals..	63.2	65.0	62.4	61.8	50.2	65.3	61.9	62.9	59.8	64.2	61.3	62.4	60.0	48.8	53.6
increase fed military spending..	21.8	28.3	20.1	13.9	29.9	28.8	24.3	21.1	16.8	22.5	16.1	14.5	12.0	31.4	26.6
abortion should be legal........	64.8	61.6	64.0	71.7	75.1	61.9	59.3	65.7	69.7	55.0	54.6	72.9	67.6	75.5	74.2
abolish death penalty...........	24.1	20.5	26.3	26.1	37.5	20.3	22.0	24.7	31.2	24.4	30.7	25.1	29.5	35.9	41.2
sex OK if people like each other	37.9	39.1	35.8	39.5	28.9	39.9	32.0	36.9	39.5	27.9	34.3	41.3	33.5	29.8	26.6
married women best at home......	20.5	24.5	19.4	15.8	28.2	24.5	24.3	19.8	17.4	21.4	17.2	16.5	13.3	28.5	27.5
marijuana should be legalized...	16.0	15.5	15.2	18.2	13.3	15.5	15.4	14.2	20.7	12.5	15.4	18.6	16.9	13.4	12.9
busing OK to achieve balance....	57.1	57.9	56.9	55.8	62.3	58.0	57.5	56.7	59.2	54.1	59.4	56.0	54.9	61.9	63.3
prohibit homosexual relations...	34.5	41.2	33.6	25.0	35.2	40.9	43.1	34.8	26.0	41.0	27.3	26.4	20.5	35.6	34.1
college increases earning power.	66.2	74.7	63.4	57.3	74.0	75.1	70.8	68.3	51.6	59.0	60.6	60.6	46.2	75.2	71.2
employers can require drug tests	82.1	83.7	82.4	78.8	82.7	83.8	82.7	83.9	76.9	84.2	79.7	78.5	79.8	82.4	83.3
control AIDS by mandatory tests.	66.3	71.2	65.0	60.5	68.5	71.3	71.1	67.4	58.8	63.2	64.6	62.3	54.6	69.7	65.7
man not entitled to sex on date.	93.3	92.0	93.6	95.1	89.7	92.2	90.4	93.4	94.8	93.4	92.6	94.6	96.5	89.1	91.1
fed govt do more control handgun	87.0	83.9	88.2	89.9	90.5	83.4	88.5	87.5	89.9	87.8	90.1	89.5	91.2	90.4	90.6
national health care plan needed	77.0	77.9	77.2	75.3	82.6	77.8	78.2	77.3	78.1	74.3	79.6	76.3	71.8	82.6	82.6
de-emphasize organized col sport	36.5	37.9	36.7	33.9	40.1	37.8	39.0	35.8	37.8	39.5	36.3	33.8	34.1	39.5	41.3
nuclear disarmament attainable..	60.4	59.0	60.4	62.9	51.1	58.8	60.4	60.4	61.2	58.3	62.5	63.1	62.3	50.9	51.5
publish all science findings....	49.7	50.4	49.4	49.0	50.6	50.2	52.4	49.1	50.7	48.6	50.0	49.3	48.1	49.9	52.3
students help evaluate faculty..	75.0	71.0	75.7	80.3	65.3	70.7	73.8	75.1	77.8	75.3	75.8	79.4	83.3	64.3	67.8
racial discrim no longer problem	18.5	23.7	16.2	14.0	9.3	24.0	21.3	17.4	12.4	16.4	15.2	14.9	11.0	8.9	10.3

Notes

1. Percentages will sum to more than 100 if any students check more than one category.
2. Because no Black two-year colleges participated in the 1990 survey, the associated Black enrollment is deflated in the two-year college norms and inflated in the four-year college norms.
3. Based on the curriculum recommendations of the National Commission on Excellence in Education.
4. Frequently only on this item, all other items in this group reflect responses for frequently or occasionally.
5. Students who applied to no other college (i.e. who applied to only one college) are not included in this item.
6. Recategortization of this item from a longer list shown in Appendix C.
7. Comparisons with the previous years not recommended due to change in item order.

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Year Graduated from High School															
1990	92.4	85.0	95.8	98.1	93.5	84.2	93.0	95.1	96.8	96.1	97.6	97.8	98.9	93.0	94.7
1989	2.9	4.6	2.3	1.2	4.1	4.8	3.1	2.5	2.1	2.1	1.4	1.4	0.7	4.3	3.8
1988	0.9	1.6	0.5	0.3	1.1	1.6	1.1	0.6	0.4	0.4	0.4	0.3	0.1	1.4	0.5
1987 or earlier	2.4	5.4	1.0	0.4	1.1	5.8	1.5	1.2	0.5	1.0	0.5	0.4	0.2	1.2	0.7
H.S. equivalency (G.E.D. test)	1.2	2.9	0.4	0.1	0.2	3.1	1.1	0.5	0.2	0.3	0.1	0.1	0.0	0.2	0.2
never completed high school	0.2	0.4	0.1	0.0	0.0	0.4	0.2	0.1	0.1	0.2	0.0	0.0	0.1	0.0	0.0
Age on December 31, 1990															
16 or younger	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2
17	2.0	1.6	2.1	2.6	3.9	1.6	1.8	1.8	3.2	2.0	1.9	2.3	3.5	3.3	5.2
18	68.3	60.2	71.6	75.2	69.9	60.1	61.1	71.2	73.8	69.8	73.0	74.9	75.9	69.6	70.5
19	23.3	25.2	23.0	20.8	20.9	24.7	30.3	23.3	20.6	24.9	23.0	21.1	19.7	21.2	20.3
20	2.4	4.2	1.8	0.9	3.4	4.2	4.1	1.8	1.6	1.9	1.3	1.1	0.5	3.7	2.4
21-24	1.7	3.4	0.9	0.4	1.6	3.5	1.8	1.1	0.6	0.8	0.5	0.5	0.2	1.8	1.3
25-29	0.9	2.2	0.3	0.0	0.2	2.4	0.4	0.3	0.1	0.3	0.1	0.1	0.0	0.3	0.1
30-39	1.0	2.4	0.3	0.0	0.1	2.6	0.3	0.4	0.0	0.2	0.0	0.0	0.0	0.1	0.0
40-54	0.3	0.7	0.1	0.0	0.0	0.8	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
55 or older	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Racial Background (1)(2)															
White/Caucasian	84.3	90.7	79.0	83.6	1.4	91.9	79.6	77.5	78.7	82.7	84.7	84.5	80.8	1.7	0.5
Black/African-American	9.6	5.2	15.7	6.1	97.4	4.5	11.6	18.2	13.5	13.5	4.3	6.6	4.5	96.8	98.8
American Indian	1.3	1.3	1.6	0.9	1.7	1.3	1.2	2.0	1.0	0.9	0.6	0.9	0.9	1.6	1.9
Asian-American/Oriental	2.9	1.4	2.2	6.5	0.5	1.2	3.2	1.6	4.3	1.8	2.4	5.6	9.4	0.6	0.2
Mexican-American/Chicano	1.5	1.0	1.4	2.3	0.2	0.9	2.5	1.1	1.0	1.0	5.2	1.9	3.4	0.2	0.2
Puerto Rican-American	0.5	0.4	0.6	0.6	0.4	0.4	0.7	0.4	1.0	0.3	1.7	0.6	0.8	0.5	0.3
other	1.8	1.6	1.7	2.1	1.4	1.4	3.5	1.2	3.0	1.5	2.8	1.8	3.1	1.4	1.2
Average High School Grade															
A or A+	10.2	4.1	10.7	18.7	2.7	4.2	3.1	9.5	13.6	12.6	10.0	14.9	31.5	1.8	4.9
A-	12.4	6.6	13.7	19.2	3.4	6.7	5.6	12.4	16.9	14.7	14.7	17.6	24.4	2.1	6.6
B+	18.3	14.9	19.3	22.0	14.1	15.3	10.8	18.9	20.8	18.4	21.0	22.2	21.4	13.1	16.4
B	25.3	27.0	25.1	23.0	21.9	27.6	20.5	25.7	23.9	23.2	26.7	25.2	15.9	20.7	24.9
B-	14.5	18.1	13.9	9.8	18.5	18.1	13.8	14.6	12.5	13.1	13.9	11.3	4.9	19.0	17.2
C+	12.2	18.0	11.1	5.2	24.1	17.7	21.4	12.1	8.2	11.4	9.2	6.3	1.6	26.1	19.2
C	6.7	10.8	6.0	2.0	14.5	10.0	18.2	6.7	4.0	6.2	4.5	2.5	0.3	16.4	9.9
D	0.3	0.5	0.2	0.0	0.8	0.4	1.5	0.3	0.1	0.4	0.1	0.1	0.0	0.8	0.9
Miles from College to Home															
5 or less	6.5	9.7	5.5	3.6	5.5	9.9	7.8	5.9	3.4	5.1	8.1	4.0	2.5	5.5	5.6
6-10	6.8	9.3	5.2	5.6	5.4	9.5	7.8	5.5	3.5	4.5	8.7	6.1	3.7	5.7	4.7
11-50	27.4	35.1	24.1	21.1	18.3	36.0	27.3	28.0	15.6	18.1	25.0	23.2	14.2	21.4	11.0
51-100	18.1	17.6	18.3	18.7	14.5	17.7	15.9	20.1	14.8	16.9	15.3	21.6	9.1	16.2	10.6
101-500	30.0	21.2	33.6	37.3	33.3	20.7	25.5	32.8	33.8	37.1	32.0	37.7	35.9	35.1	29.1
more than 500	11.2	7.1	13.3	13.7	22.9	6.2	15.7	7.7	28.9	18.3	10.8	7.5	34.5	16.1	39.0

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Estimated Parental Income															
less than $6,000	3.0	3.6	3.1	1.8	8.4	3.6	3.8	3.3	2.6	3.1	3.1	2.0	1.2	7.6	10.3
$6,000-$9,999	3.0	4.2	2.7	1.6	7.3	4.2	3.7	2.9	2.0	3.0	2.2	1.8	1.1	7.4	7.1
$10,000-$14,999	4.9	6.5	4.7	3.0	9.4	6.6	5.3	4.9	3.8	4.8	4.3	3.3	2.1	9.7	8.6
$15,000-$19,999	5.3	6.5	5.2	3.6	9.4	6.6	6.2	5.6	4.3	4.9	4.6	3.9	2.5	9.6	8.8
$20,000-$24,999	6.8	8.3	6.6	5.0	9.1	8.4	6.9	6.8	5.8	7.6	5.9	5.5	3.6	9.1	9.2
$25,000-$29,999	6.4	6.9	6.8	5.2	9.4	6.9	6.7	7.2	5.6	6.9	5.7	5.7	3.7	9.6	9.0
$30,000-$34,999	8.8	10.2	8.6	7.1	8.8	10.5	7.7	9.1	7.1	8.6	7.9	7.7	5.0	8.8	8.9
$35,000-$39,999	8.7	9.8	8.7	7.2	6.7	9.8	9.2	9.3	7.2	8.3	7.6	7.8	5.3	6.2	7.7
$40,000-$49,999	12.6	13.2	12.7	11.7	8.6	13.5	10.9	13.6	10.5	11.9	11.6	12.5	8.9	9.0	7.8
$50,000-$59,999	11.6	10.8	11.9	12.5	6.7	10.8	10.4	12.6	10.6	10.7	11.7	13.2	10.0	7.0	6.0
$60,000-$74,999	11.4	9.2	11.9	13.7	8.6	9.1	10.3	12.2	11.9	10.3	12.3	13.9	13.1	9.0	7.6
$75,000-$99,999	7.7	5.4	7.8	11.0	4.9	5.2	6.9	7.1	9.7	7.9	9.1	10.4	13.2	4.9	5.0
$100,000-$149,999	5.0	2.9	5.0	8.3	1.9	2.6	5.3	3.3	8.8	6.1	7.1	6.9	13.0	1.6	2.6
$150,000 or more	4.6	2.6	4.3	8.2	0.8	2.2	6.7	1.9	10.1	6.0	6.8	5.5	17.3	0.6	1.3
Status of Parents															
living with each other	71.2	68.6	71.1	75.4	44.4	68.6	69.3	69.8	71.3	73.8	76.7	74.3	79.0	44.0	45.3
divorced or separated	23.3	24.4	24.0	20.6	46.6	24.4	24.4	25.2	24.0	21.2	18.8	21.6	17.3	47.1	45.6
one or both deceased	5.4	7.0	4.9	4.0	9.0	7.0	6.3	5.0	4.7	5.0	4.5	4.1	3.7	8.9	9.1
Have Met or Exceeded Recommended Years of High School Study (3)															
English (4 years)	95.8	93.5	96.3	98.3	97.1	93.4	93.5	95.5	98.2	96.5	98.1	98.1	99.1	97.0	97.2
mathematics (3 years)	91.4	84.6	93.8	97.7	91.8	84.2	87.7	92.6	96.7	94.2	95.7	97.4	99.0	90.8	94.1
foreign language (2 years)	76.1	61.3	79.7	92.0	67.2	60.6	68.2	74.5	90.5	82.6	90.2	90.4	97.2	64.9	72.6
physical science (2 years)	48.1	40.0	48.7	59.1	34.6	40.5	35.6	45.7	57.1	48.5	53.3	58.1	62.3	34.7	34.4
biological science (2 years)	33.1	26.4	36.3	37.6	30.0	26.2	28.3	35.8	36.6	37.9	35.8	37.6	37.5	29.0	32.5
history/American govt (1 year)	98.8	98.2	99.0	99.3	98.4	98.1	98.5	99.0	99.2	99.0	99.1	99.2	99.3	98.5	98.1
computer science (1/2 year)	53.7	50.3	55.9	55.1	46.9	50.6	47.4	56.1	56.5	52.9	58.7	54.0	58.9	43.5	54.7
arts and/or music (1 year)	72.3	72.2	71.4	73.8	67.5	72.6	68.3	69.6	74.6	73.1	75.5	74.0	73.2	67.3	67.9
Racial Composition of Student's High School															
completely white	15.9	19.4	14.4	13.3	2.1	20.1	12.9	15.5	11.5	13.5	14.0	14.4	9.6	1.9	2.7
mostly white	58.9	57.1	57.7	63.6	26.3	57.8	50.6	55.7	62.2	56.8	64.6	63.1	65.2	24.9	29.7
roughly half non-white	18.0	18.9	18.1	16.5	26.7	18.1	26.3	18.3	16.9	21.0	13.4	16.0	18.2	27.6	24.6
mostly non-white	5.6	3.8	7.3	5.6	29.7	3.3	8.1	7.9	6.7	6.0	6.5	5.5	6.0	32.0	24.3
completely non-white	1.5	0.8	2.5	1.0	15.2	0.7	2.1	2.5	2.6	2.6	1.5	1.0	0.9	13.7	18.7
Racial Composition of Student's Neighborhood															
completely white	40.9	47.1	37.8	36.8	2.6	48.0	38.6	38.8	33.5	38.0	40.1	38.2	31.9	2.2	3.4
mostly white	42.8	40.5	41.2	49.0	13.6	40.6	39.8	39.1	45.5	42.8	44.2	47.7	53.1	13.6	13.5
roughly half non-white	6.4	5.4	7.2	6.6	15.5	5.2	7.7	7.1	7.7	7.1	6.7	6.3	7.4	15.5	15.6
mostly non-white	5.9	4.2	7.7	5.2	33.9	3.9	7.4	8.2	7.8	6.3	5.6	5.2	5.4	34.6	32.4
completely non-white	4.0	2.7	6.2	2.4	34.4	2.3	6.5	6.8	5.5	5.8	3.4	2.5	2.1	34.1	35.1

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Activities Engaged in by Student During the Past Year															
attended a religious service	83.0	79.4	86.3	83.0	91.5	78.7	86.6	86.0	81.9	91.0	90.4	81.9	86.6	90.6	93.6
was bored in class (4)	28.6	23.5	29.6	34.5	18.2	23.1	26.8	29.6	30.9	28.2	29.0	34.7	33.9	18.4	17.9
participated in demonstrations	39.4	39.1	41.5	36.4	52.0	38.4	45.1	41.5	41.1	42.1	40.3	37.6	32.4	50.1	56.5
won varsity letter in sports	50.4	44.6	53.5	54.0	43.3	43.9	51.2	52.9	53.2	55.7	55.4	53.7	55.0	44.2	41.2
didn't complete homework on time	67.9	66.2	69.6	67.3	69.1	65.5	73.5	69.0	71.3	70.6	69.4	68.2	64.1	68.7	70.0
tutored another student	45.5	34.4	48.2	57.6	47.0	34.7	31.7	46.4	52.8	49.5	49.1	54.8	67.1	43.2	56.1
did extra class work/reading (4)	10.3	8.9	10.9	11.3	16.0	8.8	10.3	10.4	12.3	11.4	10.9	10.7	13.3	15.0	18.3
studied with other students	84.7	79.4	86.8	89.2	85.6	78.8	85.4	86.4	87.0	87.8	87.7	88.8	90.7	84.5	88.3
was a guest in a teacher's home	30.0	27.0	32.5	30.2	29.3	26.4	32.2	31.3	33.5	38.3	28.1	28.8	34.9	28.3	31.7
smoked cigarettes (4)	10.6	15.9	7.9	7.2	1.4	16.5	10.9	7.7	9.0	6.4	9.7	7.7	5.7	1.3	1.8
drank beer	58.2	60.8	54.3	60.7	28.1	61.8	51.5	54.7	56.0	45.5	64.7	61.7	57.7	29.1	25.5
drank wine or liquor	57.5	57.2	55.7	61.0	32.1	57.8	51.7	55.8	57.9	48.2	65.2	61.3	59.7	31.8	33.0
stayed up all night	79.1	78.0	79.5	80.1	79.0	77.9	78.3	79.7	79.9	78.0	79.5	80.5	78.8	78.6	79.9
spoke other language at home (4)	5.5	3.6	5.4	8.5	4.4	3.1	8.3	4.3	8.3	4.7	9.2	7.7	11.2	4.4	4.3
felt overwhelmed (4)	20.3	18.4	20.6	22.6	19.4	18.2	20.9	19.2	23.3	21.9	22.9	22.3	23.9	19.1	20.2
felt depressed (4)	8.5	8.2	9.0	8.0	12.2	8.0	9.8	8.9	9.1	8.9	9.4	8.3	7.0	12.6	11.1
studied in library (4)	10.1	8.6	10.9	11.0	16.5	8.6	9.4	10.2	12.7	10.9	12.0	10.5	12.8	14.4	21.6
performed volunteer work	63.1	57.2	65.6	67.8	62.8	56.9	60.1	62.6	69.6	70.6	70.2	65.2	76.4	60.0	69.5
visited art gallery or museum	52.5	43.9	55.1	61.0	54.8	43.1	51.8	51.1	65.0	57.6	59.2	58.6	69.1	53.6	57.6
took vitamins	56.8	57.2	57.2	55.5	56.6	57.0	59.1	56.5	57.9	59.1	57.8	54.9	57.5	56.4	57.0
came late to class	57.1	51.6	59.2	61.8	61.2	50.9	57.8	57.7	63.4	60.6	58.8	61.1	64.1	60.9	62.0
wore glasses or contact lenses	49.0	46.7	49.4	51.8	45.0	46.9	45.6	48.6	49.4	51.0	53.1	51.6	52.7	43.9	47.4
played a musical instrument	38.4	33.5	40.6	42.0	38.9	33.3	35.6	39.2	42.2	45.2	39.0	41.4	44.0	37.9	41.3
checked out book from sch lib(4)	26.7	22.2	29.2	29.2	32.4	21.8	26.0	28.5	30.5	30.6	28.9	28.6	31.2	30.0	38.2
asked teacher for advice (4)	28.5	23.7	31.2	31.1	37.7	23.3	28.1	29.3	34.4	34.6	31.9	29.9	35.1	34.6	45.1
Student's Religious Preference															
Baptist	18.2	19.4	22.3	9.6	60.9	18.4	28.6	25.3	14.4	28.8	3.4	9.6	9.9	63.5	54.7
Buddhist	0.4	0.3	0.3	0.6	0.1	0.2	0.9	0.2	0.5	0.2	0.3	0.6	0.8	0.1	0.2
Congregational	1.2	1.0	1.2	1.3	0.6	1.0	1.1	1.1	2.0	1.1	0.4	1.4	0.9	0.6	0.6
Eastern Orthodox	0.6	0.5	0.4	0.8	0.1	0.6	0.4	0.3	0.7	0.3	0.5	0.8	1.0	0.1	0.0
Episcopal	2.3	2.1	2.4	2.6	1.6	2.1	2.1	1.7	4.0	3.7	1.3	2.4	3.3	1.5	1.9
Islamic	0.3	0.1	0.4	0.4	1.5	0.1	0.1	0.3	0.8	0.4	0.2	0.4	0.6	1.0	2.7
Jewish	2.2	0.9	1.5	5.1	0.1	1.0	0.7	1.1	4.2	0.6	0.3	4.6	6.6	0.1	0.0
LDS (Mormon)	0.3	0.3	0.3	0.3	0.0	0.3	0.4	0.4	0.2	0.3	0.1	0.4	0.2	0.0	0.0
Lutheran	5.8	4.9	6.3	6.5	0.6	4.3	10.1	7.3	3.6	6.7	3.7	7.3	3.7	0.6	0.7
Methodist	9.7	11.8	8.8	8.0	9.7	12.0	10.3	9.6	6.2	11.1	2.8	8.6	6.3	9.4	10.3
Presbyterian	4.5	4.6	4.2	4.9	1.7	4.7	3.7	3.4	5.4	7.0	1.8	4.9	5.2	1.7	1.6
Quaker	0.2	0.2	0.2	0.2	0.0	0.2	0.2	0.1	0.4	0.4	0.2	0.2	0.2	0.0	0.0
Roman Catholic	32.1	31.9	30.1	35.6	7.1	33.0	21.5	29.1	28.9	14.7	74.1	34.2	40.0	6.2	9.3
Seventh Day Adventist	0.2	0.2	0.3	0.2	0.8	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.2	0.8	0.7
other Protestant	4.6	5.0	4.8	4.0	1.2	5.1	4.0	3.9	6.6	7.4	2.2	4.0	4.0	0.9	2.0
other religion	5.6	5.9	6.0	4.6	8.2	5.7	8.1	5.6	5.8	9.6	2.3	4.8	3.8	7.8	9.0
none	11.8	10.9	10.6	15.1	5.7	11.3	7.7	10.2	16.1	7.6	6.2	15.5	13.6	5.5	6.3
Born-Again Christian?															
no	70.7	67.6	67.6	80.4	49.7	68.9	56.2	67.0	73.8	52.1	88.8	80.3	80.6	50.4	48.2
yes	29.3	32.4	32.4	19.6	50.3	31.1	43.8	33.0	26.2	47.9	11.2	19.7	19.4	49.6	51.8

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
High School Accomplishments															
pres of 1 or more student orgs..	20.4	14.6	22.6	25.4	21.8	14.3	17.9	20.5	26.4	26.5	22.0	22.8	34.0	19.0	28.4
rated high in music contest.....	11.7	7.4	13.8	14.7	9.0	6.9	12.3	13.7	12.0	17.7	10.9	14.7	14.9	7.5	12.5
in speech/debate contest........	6.1	4.2	6.8	8.1	5.8	4.0	6.2	6.0	8.1	8.5	6.6	7.0	11.7	4.4	9.3
had a major part in a play......	12.9	10.3	14.5	14.0	13.5	10.0	13.5	12.9	17.1	18.6	13.5	13.2	16.7	11.7	17.8
won award in art competition....	9.2	8.4	9.4	10.1	7.0	8.4	8.9	8.5	12.0	9.8	9.3	10.3	9.4	7.0	7.0
edited a school publication.....	12.4	9.0	13.8	15.3	8.4	8.9	10.1	12.2	17.0	16.1	14.4	13.8	20.2	7.1	11.6
had original writing published..	13.9	9.1	15.8	18.1	11.5	8.6	13.1	13.7	20.5	18.3	16.7	16.7	22.6	10.5	14.0
won award in science contest....	4.6	2.8	4.8	6.9	4.5	2.8	2.7	4.5	5.9	5.2	3.5	6.1	9.5	3.6	6.7
member of scholastic honor soc..	29.1	15.1	32.1	45.4	17.1	15.2	13.6	29.6	38.0	35.6	31.7	40.7	61.3	13.7	25.5
Student Rated Self Above Average or Highest 10% in															
academic ability................	53.7	33.9	57.8	76.6	40.7	34.1	32.5	55.0	66.5	59.0	56.8	73.6	86.5	36.3	51.1
artistic ability................	25.0	22.3	24.6	29.5	19.6	22.2	23.1	22.8	30.7	25.3	23.5	29.0	31.1	18.8	21.6
competitiveness.................	54.0	46.0	55.6	63.3	50.4	45.7	48.1	55.3	56.6	56.5	53.9	61.7	68.9	48.6	54.5
cooperativeness.................	70.2	65.0	72.3	74.6	69.2	64.8	67.5	71.1	74.5	74.1	72.9	73.8	77.4	67.2	74.1
drive to achieve................	66.3	57.6	68.7	75.4	70.6	57.5	58.6	67.3	71.9	70.7	68.6	73.1	83.2	67.8	77.3
emotional health................	57.1	51.4	58.5	63.3	59.7	51.2	53.0	57.8	59.9	60.4	56.2	62.0	67.6	58.8	61.9
leadership ability..............	50.9	42.2	53.6	59.3	53.6	41.6	48.3	52.1	56.5	56.4	53.0	57.3	65.9	52.0	57.5
mathematical ability............	37.4	26.1	38.3	52.8	25.3	26.7	20.0	37.5	43.4	35.9	37.1	50.5	60.3	22.6	31.7
physical health.................	58.5	53.8	59.2	64.3	56.6	53.4	57.8	58.9	60.7	59.0	58.8	63.7	66.3	55.9	58.4
popularity......................	43.0	38.1	43.6	49.5	45.0	37.6	42.7	43.7	44.2	43.4	42.2	48.8	51.9	44.7	45.8
popularity with opposite sex....	41.2	37.9	41.7	45.7	46.4	37.6	40.7	41.8	42.3	41.2	40.1	45.6	45.7	46.5	46.1
public speaking ability.........	28.4	20.5	30.7	36.5	30.9	20.0	25.6	28.8	34.9	32.8	31.5	34.0	44.8	28.3	37.1
self-confidence (intellectual)..	48.3	36.3	51.4	61.0	56.3	36.0	38.3	49.9	56.4	52.8	48.8	58.4	69.8	53.2	63.5
self-confidence (social)........	44.0	38.9	45.4	49.5	54.8	38.6	42.1	45.0	46.5	46.3	44.0	48.7	52.2	53.9	56.9
understanding of others.........	66.8	60.3	69.4	72.5	66.5	59.7	65.7	67.7	72.8	71.0	71.6	71.5	75.8	64.6	71.1
writing ability.................	39.0	28.7	41.6	50.3	38.8	28.1	34.0	39.0	48.7	43.6	41.3	47.7	59.2	36.7	43.8
Prior Credit at This Institution															
no..............................	96.0	94.4	96.9	96.8	96.7	94.2	96.7	97.1	96.6	96.9	96.8	96.6	97.4	97.9	94.1
yes.............................	4.0	5.6	3.1	3.2	3.3	5.8	3.3	2.9	3.4	3.1	3.2	3.4	2.6	2.1	5.9
This College is Student's															
first choice....................	70.7	69.7	70.2	73.3	50.3	70.6	61.1	69.2	71.6	71.6	71.6	72.6	75.5	47.8	56.4
second choice...................	22.2	22.8	22.7	20.4	34.6	22.4	27.1	23.5	21.4	21.2	22.0	20.9	18.4	35.7	31.9
third choice....................	4.7	4.4	5.1	4.3	10.9	4.1	7.4	5.3	4.8	5.1	4.4	4.3	4.2	11.9	8.5
less than third choice..........	2.4	3.1	2.1	2.0	4.2	2.9	4.4	2.1	2.2	2.1	2.0	2.1	1.8	4.6	3.2
Number of Other Colleges Applied to for Admission This Year															
none............................	31.9	46.3	24.5	22.4	18.0	47.9	31.6	28.5	16.1	22.8	15.4	25.6	11.7	19.5	14.5
one.............................	15.7	16.1	16.1	14.3	13.2	15.8	19.3	17.8	11.3	15.6	13.9	15.8	9.4	13.5	12.6
two.............................	16.7	14.5	18.7	16.5	21.1	13.9	20.8	19.6	15.1	19.2	19.2	17.4	13.5	22.1	18.9
three...........................	14.9	11.8	17.0	16.0	22.1	11.3	16.3	16.4	17.0	18.4	19.6	15.9	16.3	21.9	22.7
four............................	8.9	5.9	10.3	10.8	12.9	5.9	6.7	9.0	13.2	11.1	13.4	9.8	14.1	12.6	13.6
five............................	5.5	2.7	6.4	8.1	6.9	2.7	2.4	4.6	11.1	6.5	9.2	6.7	12.7	5.8	9.5
six or more.....................	6.6	2.6	7.0	11.9	5.8	2.6	3.0	4.0	16.3	6.5	9.4	8.8	22.3	4.7	8.2
Permission to Use Student I.D.															
yes.............................	77.3	76.5	77.6	77.9	80.6	76.9	72.5	77.9	78.5	77.4	72.7	78.1	77.5	82.2	75.8
no..............................	22.7	23.5	22.4	22.1	19.4	23.1	27.5	22.1	21.5	22.6	27.3	21.9	22.5	17.8	24.2

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
HOURS PER WEEK IN THE LAST YEAR															
None															
studying or doing homework......	1.7	2.4	1.4	1.0	1.2	2.5	1.8	1.6	1.0	1.0	0.9	1.2	0.6	1.4	0.6
socializing with friends........	0.3	0.5	0.2	0.2	0.4	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.1	0.3	0.5
talking w/teacher outside class.	8.2	10.5	6.7	7.1	7.5	10.6	9.5	7.6	5.5	5.3	5.7	7.8	4.8	8.1	6.0
exercising or sports...........	4.9	6.3	4.6	3.2	11.0	6.4	5.5	4.9	4.0	4.2	4.2	3.4	2.5	11.3	10.4
partying.......................	15.1	16.0	15.5	12.9	15.2	16.0	16.1	14.6	16.2	20.2	11.7	12.7	13.4	14.9	15.9
working (for pay)..............	26.2	24.1	26.6	28.9	29.1	23.7	27.7	23.7	33.7	30.4	25.6	25.4	40.6	27.7	32.4
volunteer work.................	49.7	55.8	47.1	44.7	53.4	56.2	51.9	50.5	42.5	41.5	41.9	47.7	34.7	56.6	45.7
student clubs and groups........	29.7	39.5	25.1	22.4	29.6	40.1	33.7	27.4	21.0	20.5	24.7	25.4	12.4	32.2	23.3
watching TV....................	4.3	4.0	4.2	4.9	2.2	4.0	3.7	3.5	6.2	4.7	4.3	4.7	5.6	2.2	2.3
Six or More Hours															
studying or doing homework......	40.3	32.4	42.3	48.8	39.5	32.0	35.6	38.0	51.8	45.6	48.9	45.0	61.1	36.2	47.3
socializing with friends........	78.0	75.0	78.7	81.5	65.4	75.0	74.5	78.1	80.4	77.5	81.3	81.3	82.2	64.5	67.4
talking w/teacher outside class.	5.3	5.3	5.8	4.3	10.0	5.2	6.7	5.5	6.6	6.1	6.1	4.2	4.7	9.7	10.6
exercising or sports...........	48.2	45.0	49.2	51.5	36.4	44.7	47.8	48.0	51.4	50.6	51.3	50.7	54.2	36.4	36.5
partying.......................	32.4	33.3	31.1	33.1	27.2	33.4	32.7	31.6	30.4	27.0	37.7	33.9	30.4	27.1	27.5
working (for pay)..............	62.4	64.6	62.0	59.5	59.3	65.2	58.9	65.4	54.3	56.4	63.8	64.0	45.1	60.4	56.8
volunteer work.................	5.6	5.1	6.0	5.7	7.3	5.0	6.3	5.4	7.3	6.7	7.3	5.2	7.4	6.3	9.5
student clubs and groups........	14.7	11.6	16.1	17.2	15.8	11.5	12.5	14.7	19.2	17.0	18.4	15.2	23.5	13.6	21.0
watching TV....................	34.1	34.9	34.6	32.0	46.8	34.7	36.8	35.8	32.0	34.1	32.3	32.8	29.3	48.0	43.9
Sixteen or More Hours															
studying or doing homework......	6.7	4.1	7.1	10.2	7.1	4.0	5.2	5.1	12.0	8.2	9.1	8.1	17.3	5.5	10.8
socializing with friends........	36.0	36.4	35.8	35.9	29.6	36.4	36.2	35.6	36.8	34.1	37.9	36.4	34.2	30.0	28.7
talking w/teacher outside class.	0.7	0.7	0.8	0.6	1.5	0.7	0.6	0.7	1.0	0.7	0.7	0.6	0.5	1.3	1.9
exercising or sports...........	17.0	16.5	17.8	16.7	14.0	16.4	17.0	17.4	17.4	19.2	18.8	16.5	17.4	14.2	13.3
partying.......................	8.1	9.9	7.2	6.9	6.8	10.0	9.6	7.3	6.9	6.6	8.8	7.4	5.3	6.7	7.0
working (for pay)..............	38.7	42.5	37.7	34.4	39.7	43.2	35.6	41.0	30.7	32.7	37.4	38.2	21.8	40.7	37.5
volunteer work.................	1.5	1.7	1.5	1.3	2.1	1.7	1.9	1.3	1.8	1.7	1.8	1.2	1.6	1.8	2.8
student clubs and groups........	3.2	2.2	3.5	3.9	4.0	2.2	2.9	3.1	4.4	3.7	4.3	3.4	5.6	3.4	5.3
watching TV....................	8.3	8.6	8.8	6.9	18.1	8.4	10.5	9.5	7.6	8.1	7.2	7.3	5.7	18.5	17.2
U.S. Citizen?															
yes............................	97.6	98.2	97.8	96.4	98.6	98.7	93.9	98.7	95.4	97.7	96.6	96.6	95.6	98.5	99.0
permanent resident.............	1.6	0.9	1.3	3.0	1.0	0.8	2.0	1.0	2.3	1.0	2.3	3.0	3.0	1.1	0.6
no.............................	0.8	0.8	0.9	0.6	0.4	0.5	4.1	0.3	2.3	1.3	1.1	0.4	1.4	0.4	0.4
Native English Speaker															
yes............................	95.6	96.7	96.1	93.2	97.4	97.2	92.2	97.1	93.6	96.6	93.4	93.7	91.5	97.3	97.7
no.............................	4.4	3.3	3.9	6.8	2.6	2.8	7.8	2.9	6.4	3.4	6.6	6.3	8.5	2.7	2.3
Residence Planned During Fall 1990															
with parents or relatives.......	22.6	35.3	16.8	13.3	13.0	36.8	21.2	20.7	7.5	9.7	21.7	15.3	6.5	14.0	10.9
other private home, apt, room...	6.5	13.0	2.8	3.1	2.5	13.9	4.2	3.9	1.1	0.9	1.3	3.8	0.8	3.2	0.9
college dormitory..............	66.8	45.0	78.0	81.0	82.5	42.2	71.5	72.6	88.8	88.1	75.7	78.1	90.7	81.0	86.4
fraternity or sorority house....	0.3	0.1	0.3	0.5	0.0	0.1	0.0	0.3	0.6	0.2	0.0	0.6	0.2	0.0	0.0
other campus housing...........	2.9	4.8	1.7	1.9	1.5	5.0	2.3	2.0	1.8	0.8	1.1	2.0	1.7	1.5	1.5
other..........................	0.9	1.9	0.4	0.2	0.4	2.0	0.8	0.5	0.2	0.3	0.2	0.3	0.1	0.4	0.4

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Highest Degreee Planned Anywhere															
none	1.5	2.2	1.3	0.7	2.4	2.2	2.5	1.3	1.2	1.5	1.1	0.8	0.4	2.5	2.2
vocational certificate	1.3	3.3	0.3	0.1	0.5	3.7	0.5	0.3	0.2	0.2	0.1	0.1	0.0	0.6	0.1
associate (AA or equivalent)	5.5	14.6	1.0	0.4	0.8	15.6	5.6	1.2	0.4	1.1	0.8	0.4	0.1	0.9	0.5
bachelor's (BA, BS)	29.0	32.8	29.5	23.0	23.4	32.6	34.5	33.3	22.1	26.2	23.7	26.1	13.3	26.9	15.1
master's (MA, MS)	37.2	31.4	40.7	39.3	39.5	30.8	36.7	41.1	40.0	39.1	42.2	39.8	37.8	41.3	35.1
PhD or EdD	12.4	7.5	14.1	16.6	17.1	7.3	9.3	12.3	18.8	15.3	14.4	15.6	19.7	14.8	22.2
MD, DO, DDS, DVM	6.3	3.4	6.0	10.7	7.0	3.4	3.6	4.6	8.1	7.8	8.3	9.4	14.7	4.7	12.4
LLB or JD (law)	4.8	2.4	5.0	7.8	6.8	2.2	3.6	3.7	7.3	6.2	7.6	6.3	12.5	5.3	10.2
BD or MDiv (divinity)	0.4	0.3	0.5	0.3	1.0	0.2	0.7	0.5	0.4	0.8	0.3	0.3	0.2	1.1	0.7
other	1.7	2.1	1.6	1.2	1.7	2.0	3.1	1.6	1.4	1.7	1.4	1.3	1.2	1.8	1.3
Highest Degree Planned at Freshman College															
none	4.1	7.1	2.9	1.5	1.9	7.1	6.6	3.6	1.5	2.8	2.1	1.8	0.6	2.2	1.4
vocational certificate	2.0	4.9	0.4	0.1	0.7	5.1	2.4	0.5	0.3	0.5	0.4	0.1	0.1	0.9	0.3
associate (AA or equivalent)	24.4	62.1	2.9	1.0	2.1	61.8	65.1	3.6	1.0	3.2	2.3	1.2	0.3	2.7	0.9
bachelor's (BA, BS)	51.2	19.4	73.1	64.6	67.1	19.5	18.0	69.3	79.6	77.9	74.8	63.6	67.5	63.8	73.3
master's (MA, MS)	12.6	3.2	15.8	22.2	18.9	3.1	4.0	17.9	13.5	11.2	15.8	22.6	20.8	20.9	15.1
PhD or EdD	1.8	0.4	1.8	4.0	3.7	0.4	0.7	1.9	1.6	1.3	1.7	4.1	3.6	4.0	3.2
MD, DO, DDS, DVM	1.1	0.2	0.6	3.4	1.6	0.2	0.1	0.6	0.6	0.6	0.6	3.5	3.3	1.1	2.6
LLB or JD (law)	0.8	0.2	0.6	2.0	1.4	0.2	0.5	0.6	0.7	0.7	0.8	1.7	2.9	1.6	1.1
BD or MDiv (divinity)	0.2	0.1	0.3	0.1	0.7	0.1	0.3	0.4	0.2	0.3	0.1	0.2	0.1	0.9	0.4
other	1.8	2.5	1.5	1.0	1.9	2.5	2.3	1.7	1.1	1.5	1.4	1.1	0.8	2.0	1.7
Reasons Noted as Very Important in Deciding to Go to College															
parents wanted me to go	35.2	35.2	36.3	33.3	54.0	34.4	42.8	36.6	34.5	37.6	36.6	33.3	33.4	55.1	51.6
could not find a job	7.1	9.5	6.4	4.6	12.9	9.7	8.3	7.2	4.7	5.5	5.7	5.0	2.9	13.2	12.2
wanted to get away from home	16.0	13.0	17.5	17.9	25.0	12.3	19.3	17.3	18.0	18.3	17.2	17.8	18.4	24.9	25.3
get a better job	78.3	82.9	76.7	73.9	84.7	83.6	76.4	79.6	70.0	73.8	75.0	75.7	68.1	85.6	82.4
gain general education	63.1	59.6	64.6	65.9	78.0	59.2	63.4	62.6	68.8	65.8	67.9	63.8	72.9	77.4	79.4
improve reading and study skills	43.0	42.3	44.9	40.7	69.1	41.2	52.9	44.5	44.1	45.7	49.0	40.5	41.3	69.1	69.1
nothing better to do	2.3	2.0	2.5	2.5	4.7	2.0	2.7	2.5	2.6	2.6	2.5	2.4	2.7	4.8	4.3
become a more cultured person	39.8	33.4	42.5	45.0	61.4	32.6	40.7	39.5	49.1	44.8	46.9	42.4	53.8	59.3	66.4
make more money	73.2	77.3	71.5	70.1	84.4	77.8	72.5	75.7	63.0	65.8	68.5	72.6	62.0	85.9	80.9
learn more about things	73.1	71.1	73.1	75.9	78.7	71.1	70.9	71.6	78.5	72.8	73.7	74.7	79.9	77.8	81.0
prepare for grad/prof school	53.1	49.2	53.0	59.2	72.9	48.1	59.4	51.4	55.3	55.0	57.7	57.0	66.6	70.8	78.0
Reasons Noted as Very Important or Essential in Career Choice															
job openings regularly available	70.4	73.8	69.8	66.3	84.5	74.4	67.8	73.0	62.5	65.6	69.2	69.1	57.1	85.1	83.2
rapid advancement possible	63.8	66.7	62.8	61.0	82.9	66.8	65.1	65.5	58.2	57.6	61.3	62.6	56.0	83.8	80.6
high anticipated earnings	70.7	74.4	68.3	68.9	88.1	74.7	71.5	71.3	63.7	62.0	67.4	70.5	63.7	89.2	85.3
well-respected/prestigious job	64.9	66.3	63.9	64.3	81.7	66.3	66.4	65.8	60.5	59.6	65.1	64.6	63.3	82.5	79.8
great deal of independence	66.7	66.6	66.4	67.5	83.2	66.5	67.6	66.1	69.2	63.9	66.9	67.3	68.2	83.2	83.1
chance for steady progress	77.7	78.4	77.1	77.6	89.6	78.4	78.0	77.8	77.2	73.8	77.4	77.7	77.2	89.5	89.7
make important contrib to soc	68.4	64.0	71.1	70.6	80.7	63.5	68.9	69.6	72.5	74.8	73.2	69.1	75.5	79.4	84.0
can avoid pressure	35.6	38.4	35.6	31.3	53.7	38.0	41.9	36.7	33.4	34.0	35.6	33.1	25.8	55.9	48.4
can work with ideas	70.1	67.4	71.1	72.6	80.9	67.1	71.0	70.1	74.7	70.5	71.4	72.3	73.8	81.4	79.8
can be helpful to others	79.3	79.0	80.5	77.5	87.6	78.7	82.3	80.2	78.9	82.9	82.0	77.1	78.7	87.0	89.1
able to work with people	77.3	77.9	78.4	74.6	86.6	77.5	81.8	78.3	76.1	80.4	81.0	73.9	77.0	86.3	87.2
intrinsic interest in field	79.8	77.3	80.4	82.8	81.7	77.3	77.2	79.8	82.6	79.9	80.9	82.0	85.3	80.9	83.6
work would be challenging	73.7	72.1	73.7	76.1	78.6	71.9	73.8	72.4	77.2	74.4	74.4	74.6	81.0	77.3	81.6

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Probable Career Occupation															
accountant or actuary	4.8	4.1	5.8	4.3	8.1	4.2	3.4	6.7	3.4	4.6	7.0	4.6	3.3	9.3	5.7
actor or entertainer	0.9	0.5	1.1	1.1	1.1	0.4	1.9	0.8	1.8	1.3	1.0	0.9	1.6	1.1	1.1
architect or urban planner	2.4	4.2	0.9	2.2	1.5	4.5	1.4	1.0	0.7	0.6	0.4	2.5	1.1	1.6	1.5
artist	1.5	1.4	1.7	1.5	0.8	1.2	3.2	1.4	3.0	1.3	1.5	1.7	0.7	1.0	0.4
business (clerical)	1.2	2.2	0.7	0.5	1.3	2.2	1.6	0.8	0.5	0.6	0.7	0.5	0.3	1.6	0.7
business executive (management)	9.3	8.3	9.9	9.9	12.0	8.2	9.1	10.0	8.9	9.6	12.0	9.5	11.3	13.7	8.4
business owner or proprietor	2.9	3.2	2.8	2.6	3.7	3.1	4.4	2.7	3.1	3.0	3.2	2.5	3.0	4.1	2.8
business salesperson or buyer	1.4	1.5	1.4	1.2	2.0	1.5	1.4	1.4	1.2	1.2	1.4	1.3	1.0	2.5	0.9
clergy (minister,priest)	0.2	0.1	0.3	0.1	0.1	0.1	0.3	0.1	0.3	1.0	0.3	0.0	0.3	0.1	0.0
clergy (other religious)	0.1	0.1	0.2	0.1	0.0	0.0	0.3	0.0	0.3	0.5	0.1	0.0	0.1	0.0	0.0
clinical psychologist	1.6	1.5	1.8	1.5	2.4	1.5	1.5	1.6	2.1	2.2	2.4	1.6	1.4	2.2	2.9
college teacher	0.4	0.1	0.5	0.5	0.4	0.1	0.2	0.4	0.8	0.9	0.4	0.4	0.7	0.4	0.4
computer programmer or analyst	2.6	3.3	2.7	1.4	6.4	3.4	2.1	3.2	2.1	2.0	1.7	1.6	0.8	6.8	5.6
conservationist or forester	0.6	0.7	0.5	0.5	0.1	0.7	0.5	0.6	0.4	0.5	0.2	0.6	0.1	0.0	0.2
dentist (including orthodontist)	0.6	0.6	0.5	0.8	0.7	0.6	0.7	0.5	0.4	0.5	0.5	0.8	0.8	0.6	0.9
dietitian or home economist	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.3	0.3	0.1	0.0	0.2
engineer	8.1	7.2	7.1	11.3	8.3	7.6	2.8	7.9	9.1	3.3	2.6	12.1	9.0	7.4	10.5
farmer or rancher	0.4	0.6	0.3	0.4	0.0	0.6	0.7	0.4	0.2	0.2	0.1	0.6	0.1	0.0	0.1
foreign service worker	0.8	0.4	0.8	1.5	0.2	0.4	0.4	0.5	1.5	1.3	1.2	1.0	3.1	0.1	0.4
homemaker (full-time)	0.2	0.5	0.1	0.1	0.0	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.0
interior decorator (incl design)	0.5	0.4	0.5	0.5	0.5	0.2	1.7	0.5	0.6	0.3	1.0	0.6	0.2	0.7	0.1
interpreter (translator)	0.2	0.1	0.2	0.2	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.0	0.1
lab technician or hygienist	0.4	0.7	0.3	0.2	0.3	0.8	0.1	0.3	0.2	0.3	0.2	0.2	0.1	0.4	0.2
law enforcement officer	1.4	1.9	1.4	0.6	1.3	1.9	1.5	1.7	0.6	1.0	1.4	0.6	0.2	1.5	0.9
lawyer (attorney) or judge	5.2	3.1	5.4	8.0	8.5	2.9	4.9	4.3	7.3	6.7	7.7	6.8	11.7	6.8	12.4
military service (career)	1.3	1.5	1.5	0.5	1.1	1.6	0.7	2.1	1.1	0.2	0.4	0.5	0.6	1.1	1.0
musician (performer,composer)	1.0	0.6	1.2	1.1	0.9	0.5	1.9	1.1	1.2	2.0	1.0	1.1	1.4	0.8	1.2
nurse	3.8	6.6	2.5	1.9	2.3	6.9	3.4	3.1	1.1	2.2	2.5	2.3	0.9	1.8	3.5
optometrist	0.2	0.2	0.2	0.3	0.1	0.2	0.2	0.3	0.2	0.2	0.3	0.3	0.2	0.1	0.1
pharmacist	1.1	1.0	0.7	2.0	0.8	1.0	0.7	0.7	0.8	0.6	0.4	2.3	0.7	0.5	1.5
physician	3.8	1.1	3.8	7.6	5.6	1.0	2.2	2.7	5.5	5.8	5.6	6.2	12.0	3.8	9.7
school counselor	0.4	0.4	0.5	0.2	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.3	0.2	0.5	0.2
school principal/superintendent	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
scientific researcher	1.4	0.7	1.6	2.3	0.7	0.7	0.9	1.4	2.2	1.6	1.4	2.2	2.7	0.5	1.2
social,welfare,recreation worker	1.4	2.1	1.3	0.7	1.9	2.1	1.9	1.2	1.1	1.6	1.4	0.8	0.4	2.1	1.4
statistician	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.0
therapist (phys,occup,speech)	2.7	2.7	2.6	2.6	1.3	2.6	3.5	2.9	1.8	2.8	2.3	3.0	1.5	1.0	1.9
teacher (elementary)	5.4	5.0	7.4	2.6	5.0	4.7	8.1	8.7	3.5	7.2	6.5	3.0	1.4	5.6	3.8
teacher (secondary)	3.6	2.8	5.0	2.5	2.7	2.6	4.3	5.4	3.0	6.1	4.2	2.7	1.7	2.9	2.3
veterinarian	1.0	1.2	0.7	1.1	0.7	1.2	0.7	0.6	0.8	0.8	0.7	1.3	0.4	0.3	1.6
writer or journalist	2.1	1.3	2.4	2.9	1.5	1.2	2.1	1.9	3.4	2.6	2.9	2.6	3.9	1.3	1.9
skilled trades	2.1	5.1	0.4	0.3	0.4	5.6	0.7	0.4	0.5	0.4	0.3	0.3	0.2	0.6	0.1
other career	9.7	12.2	8.9	7.4	7.8	12.3	11.2	8.6	10.4	8.5	8.7	7.8	5.9	8.5	6.4
undecided	11.1	8.8	12.1	12.9	6.4	8.4	12.6	11.1	14.0	13.3	12.8	12.4	14.8	6.7	5.8
Twin Status															
no	98.2	97.9	98.2	98.4	97.5	98.0	97.3	98.2	98.4	98.2	98.4	98.4	98.4	97.2	98.2
yes-identical	0.7	0.8	0.7	0.6	0.9	0.8	1.4	0.7	0.6	0.7	0.5	0.6	0.5	1.0	0.7
yes-fraternal	1.1	1.2	1.1	1.1	1.6	1.2	1.4	1.1	1.0	1.1	1.0	1.0	1.1	1.8	1.1

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
PROBABLE MAJOR FIELD OF STUDY															
ARTS AND HUMANITIES															
art, fine and applied	2.0	1.7	2.1	2.1	1.2	1.4	4.9	1.6	4.0	1.6	2.1	2.4	1.1	1.5	0.6
English (language & literature)	1.3	0.5	1.8	1.8	1.6	0.5	0.7	1.1	3.4	2.2	2.5	1.6	2.5	1.5	2.1
history	0.9	0.4	1.2	1.2	0.8	0.3	0.5	1.0	1.6	1.4	1.4	1.0	1.8	0.7	0.8
journalism	1.3	0.8	1.3	2.1	1.4	0.7	1.8	1.2	1.6	1.4	1.6	1.9	2.5	1.5	1.3
language/literature (ex English)	0.5	0.2	0.5	0.8	0.1	0.2	0.2	0.4	0.9	0.6	0.9	0.7	1.1	0.1	0.1
music	1.0	0.6	1.3	1.1	1.2	0.4	2.3	1.2	1.3	2.2	0.7	0.9	1.4	1.3	1.1
philosophy	0.2	0.0	0.2	0.3	0.2	0.0	0.1	0.1	0.4	0.2	0.2	0.3	0.5	0.3	0.1
speech	0.1	0.0	0.2	0.1	0.2	0.0	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.3	0.1
theater or drama	0.7	0.5	0.8	0.8	0.4	0.5	0.9	0.6	1.3	1.0	0.7	0.7	1.1	0.4	0.4
theology or religion	0.2	0.1	0.3	0.1	0.1	0.1	0.3	0.0	0.4	1.1	0.2	0.0	0.2	0.0	0.1
other arts and humanities	0.7	0.7	0.5	0.8	0.4	0.7	1.3	0.4	0.9	0.5	0.7	0.9	0.8	0.5	0.3
BIOLOGICAL SCIENCES															
biology (general)	1.8	0.4	2.3	2.9	3.0	0.4	0.5	1.7	3.1	3.1	3.2	2.4	4.3	2.1	5.2
biochemistry or biophysics	0.4	0.2	0.4	0.8	0.4	0.1	0.2	0.3	0.6	0.5	0.6	0.7	1.2	0.3	0.8
botany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
marine (life) science	0.6	0.7	0.6	0.6	0.0	0.7	0.9	0.6	0.6	0.6	0.5	0.6	0.7	0.0	0.0
microbiology or bacteriology	0.1	0.0	0.1	0.3	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.3	0.2	0.1	0.0
zoology	0.3	0.2	0.3	0.4	0.4	0.2	0.4	0.3	0.2	0.4	0.2	0.5	0.2	0.5	0.0
other biological sciences	0.5	0.5	0.5	0.6	0.5	0.4	0.7	0.5	0.6	0.5	0.5	0.7	0.5	0.6	0.4
BUSINESS															
accounting	5.3	4.8	6.1	4.6	8.4	5.0	3.1	7.0	3.5	4.9	7.6	4.9	3.6	9.4	5.9
business admin (general)	5.5	5.9	5.3	5.0	7.8	5.6	9.0	5.1	4.8	6.6	6.2	4.8	5.8	8.4	6.2
finance	1.3	0.3	1.6	2.4	1.4	0.3	0.6	1.6	1.4	1.4	2.3	2.2	3.0	1.5	1.2
marketing	2.5	1.6	3.0	3.0	4.2	1.5	2.6	3.2	2.5	2.4	3.7	3.1	2.8	4.9	2.3
management	4.0	4.1	4.4	2.9	5.5	4.1	4.6	4.8	3.7	3.7	4.8	3.1	2.5	6.5	2.9
secretarial studies	1.0	2.4	0.3	0.0	0.2	2.5	1.4	0.4	0.0	0.3	0.0	0.1	0.0	0.3	0.1
other business	1.5	1.8	1.2	1.6	1.2	1.8	2.0	1.0	1.3	1.3	1.9	1.4	2.0	1.5	0.6
EDUCATION															
business education	0.2	0.3	0.3	0.1	0.5	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.5	0.5
elementary education	5.1	5.0	6.8	2.3	5.3	4.7	8.0	7.9	3.3	6.8	6.1	2.7	1.3	5.9	3.8
music or art education	0.5	0.2	0.8	0.4	0.3	0.2	0.6	0.9	0.4	0.8	0.5	0.4	0.3	0.3	0.5
physical education or recreation	1.1	1.4	1.4	0.4	1.1	1.2	3.0	1.6	0.6	1.7	0.6	0.4	0.1	1.2	0.7
secondary education	1.9	1.2	2.7	1.4	1.2	1.1	1.6	3.0	1.3	3.3	2.5	1.7	0.8	1.2	1.3
special education	0.7	0.6	1.0	0.4	0.7	0.6	1.1	1.2	0.4	0.7	0.9	0.4	0.2	1.0	0.1
other education	0.4	0.3	0.5	0.2	0.4	0.3	0.5	0.5	0.4	0.6	0.3	0.3	0.1	0.5	0.2
ENGINEERING															
aeronautical/astronautical eng.	1.4	1.0	1.5	1.6	0.7	1.1	0.5	1.5	3.0	0.4	0.4	1.9	0.9	0.2	2.0
civil engineering	1.2	1.5	0.9	1.5	0.7	1.7	0.4	1.1	0.5	0.5	0.4	1.5	1.4	0.8	0.5
chemical engineering	0.7	0.4	0.6	1.2	0.6	0.4	0.2	0.7	0.4	0.5	0.3	1.3	1.0	0.2	1.4
electrical engineering	2.5	2.8	1.9	2.9	3.2	3.0	0.8	2.2	2.4	0.8	0.7	3.0	2.7	3.1	3.4
industrial engineering	0.3	0.2	0.3	0.4	0.4	0.2	0.1	0.4	0.3	0.1	0.0	0.4	0.3	0.5	0.1
mechanical engineering	2.0	1.9	1.6	2.9	1.3	2.0	0.6	1.7	2.4	0.6	0.6	3.1	2.2	1.2	1.6
other engineering	1.5	1.5	1.2	2.0	0.6	1.6	0.6	1.5	1.3	0.5	0.3	1.9	2.3	0.6	0.8

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						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
PROBABLE MAJOR FIELD OF STUDY															
PHYSICAL SCIENCES															
astronomy	0.1	0.0	0.1	0.2	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.2	0.0	0.0
atmospheric science	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.0
chemistry	0.6	0.3	0.8	0.8	0.6	0.3	0.1	0.6	1.0	0.9	0.9	0.8	1.0	0.4	1.1
earth science	0.2	0.1	0.2	0.2	0.1	0.1	0.0	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.0
marine science	0.2	0.2	0.2	0.2	0.0	0.2	0.6	0.2	0.2	0.2	0.1	0.2	0.1	0.0	0.0
mathematics	0.7	0.6	0.8	0.8	0.4	0.6	0.2	0.6	1.0	1.0	1.2	0.7	1.1	0.3	0.8
physics	0.4	0.1	0.5	0.7	0.1	0.1	0.2	0.4	0.8	0.4	0.3	0.6	1.0	0.0	0.1
statistics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
other physical sciences	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0
PROFESSIONAL															
architecture or urban planning	1.9	3.3	0.6	1.9	0.9	3.6	0.7	0.7	0.5	0.5	0.4	2.2	0.9	0.9	1.0
home economics	0.2	0.1	0.3	0.2	0.5	0.1	0.1	0.4	0.1	0.2	0.3	0.3	0.1	0.7	0.2
health technology (med,dent,lab)	1.1	1.9	0.7	0.8	0.7	2.0	0.8	0.7	0.5	0.8	0.6	0.7	0.8	0.5	1.3
library or archival science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	4.2	7.3	2.6	2.1	2.0	7.7	3.5	3.1	1.1	2.2	2.8	2.4	1.0	1.3	3.6
pharmacy	1.0	1.0	0.6	1.9	0.5	1.0	0.7	0.6	0.7	0.5	0.3	2.3	0.7	0.2	1.3
predent, premed, prevet	3.2	1.9	2.8	5.6	2.8	1.9	1.7	2.2	3.4	4.1	4.0	5.1	7.2	1.3	6.6
therapy (occup,phys,speech)	2.3	2.5	2.2	2.4	0.7	2.4	3.0	2.4	1.4	2.3	1.8	2.8	1.2	0.5	1.4
other professional	1.3	1.5	1.2	1.2	0.9	1.5	1.9	1.1	1.3	1.3	1.4	1.2	1.3	0.8	1.2
SOCIAL SCIENCES															
anthropology	0.2	0.1	0.2	0.3	0.0	0.1	0.1	0.1	0.3	0.1	0.1	0.3	0.3	0.0	0.0
economics	0.4	0.1	0.4	0.8	0.4	0.1	0.2	0.2	1.0	0.5	0.5	0.6	1.5	0.3	0.7
ethnic studies	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.1
geography	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
political science	3.0	1.1	3.3	5.0	4.1	1.1	1.5	2.4	5.3	4.2	4.4	3.8	8.8	3.0	6.9
psychology	4.2	3.5	4.8	4.1	5.0	3.4	3.7	4.3	5.1	5.7	6.0	4.2	3.8	4.7	6.0
social work	1.2	2.0	1.1	0.4	1.9	2.0	1.6	1.1	0.9	1.3	1.0	0.5	0.3	2.2	1.1
sociology	0.4	0.4	0.6	0.4	1.3	0.3	0.5	0.6	0.5	0.6	0.5	0.4	0.3	1.4	0.9
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.4	0.3	0.2	0.3	0.2	0.3
TECHNICAL															
building trades	0.9	2.5	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
data processing or computer prog	0.9	1.4	0.9	0.3	2.1	1.4	1.0	1.1	0.7	0.6	0.4	0.4	0.2	2.3	1.4
drafting or design	0.6	1.2	0.2	0.2	0.4	1.2	0.8	0.3	0.2	0.1	0.4	0.3	0.0	0.6	0.1
electronics	0.3	0.8	0.1	0.0	0.1	0.9	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.1
mechanics	0.6	1.5	0.1	0.0	0.1	1.7	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.1
other technical	0.7	1.7	0.1	0.1	0.2	1.8	0.4	0.1	0.2	0.1	0.0	0.1	0.0	0.2	0.0
OTHER FIELDS															
agriculture	0.9	1.4	0.4	0.9	0.9	1.5	0.8	0.6	0.2	0.2	0.0	1.2	0.0	1.1	0.2
communications	2.3	1.4	3.1	2.5	4.6	1.1	3.5	3.0	3.2	3.3	3.3	2.2	3.5	5.0	3.7
computer science	1.7	1.7	2.0	1.2	4.2	1.7	1.4	2.2	1.7	1.5	1.3	1.3	0.8	4.3	3.9
forestry	0.4	0.6	0.2	0.2	0.1	0.7	0.5	0.3	0.1	0.2	0.1	0.3	0.0	0.1	0.0
law enforcement	1.7	2.5	1.7	0.7	1.8	2.5	2.9	2.1	0.8	1.1	1.8	0.8	0.4	1.6	2.1
military science	0.2	0.3	0.2	0.0	0.3	0.4	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.3	0.2
other field	1.9	2.8	1.6	1.1	0.9	2.7	3.4	1.0	3.3	1.7	1.4	1.2	0.7	0.8	1.2
undecided	6.6	4.9	7.4	7.9	2.9	4.8	6.1	7.3	7.8	7.3	7.3	7.7	8.6	2.9	3.1

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Father's Education															
grammar school or less..........	3.8	4.9	3.5	2.7	5.9	4.7	6.4	3.6	3.0	3.1	4.8	2.8	2.3	5.8	6.1
some high school...............	7.4	10.5	6.6	3.9	11.0	10.8	8.5	7.4	4.8	6.1	5.7	4.4	2.4	11.7	9.4
high school graduate............	28.0	35.9	26.4	18.8	35.4	36.7	27.9	30.0	18.6	22.6	23.1	21.7	9.3	37.8	29.8
postsecondary other than college	4.9	4.5	5.5	4.3	5.6	4.6	4.1	6.1	4.1	4.9	5.6	4.7	2.7	5.7	5.2
some college...................	15.3	15.1	16.1	14.2	16.8	15.0	16.3	17.0	13.8	15.8	14.6	15.0	11.6	16.1	18.3
college degree.................	21.1	17.9	21.6	25.2	14.1	17.8	19.1	20.6	23.8	22.6	22.4	25.1	25.6	13.1	16.3
some graduate school............	2.4	1.4	2.6	3.5	1.5	1.4	1.5	2.2	3.5	3.2	3.2	3.2	4.6	1.2	2.1
graduate degree................	17.1	9.7	17.6	27.4	9.8	9.1	16.1	13.1	28.4	21.8	20.6	23.0	41.6	8.5	12.8
Father's Occupation (5)															
artist (including performer)....	0.7	0.4	0.8	0.9	0.8	0.4	0.7	0.6	1.4	0.8	1.0	0.9	0.9	0.7	1.0
business.......................	27.5	23.2	28.0	33.1	14.8	22.5	30.7	25.7	33.1	28.8	33.3	31.5	38.4	14.5	15.4
clergy or religious worker......	1.1	0.9	1.6	0.7	2.1	0.7	2.2	0.9	1.7	4.6	0.3	0.6	0.9	2.1	2.0
college teacher or administrator	0.8	0.5	0.9	1.2	0.4	0.4	0.7	0.6	1.6	1.2	0.8	1.1	1.9	0.2	0.6
doctor or dentist..............	2.1	0.8	2.0	4.4	0.7	0.7	2.0	0.9	4.4	2.8	3.1	3.0	9.0	0.5	1.3
education (secondary)...........	3.6	2.7	4.2	3.9	3.6	2.7	2.4	4.2	4.0	4.6	3.9	4.0	3.6	3.1	4.6
education (elementary)..........	0.9	0.7	1.0	0.9	0.7	0.7	0.7	1.0	1.1	1.0	1.0	1.0	0.8	0.5	1.2
engineer.......................	7.8	7.3	7.3	9.3	6.0	7.4	6.1	7.7	7.1	6.1	6.3	9.4	8.9	6.4	5.2
farmer or forester.............	3.2	3.5	3.0	2.8	0.9	3.3	5.6	3.6	1.4	3.3	2.0	3.4	1.0	0.7	1.1
health professional (non-M.D.)..	1.3	1.5	1.1	1.5	1.3	1.5	1.0	1.1	1.4	1.1	1.1	1.6	1.1	1.2	1.4
lawyer.........................	1.6	0.7	1.5	3.1	0.4	0.7	0.8	0.6	3.2	2.1	2.7	2.3	6.0	0.2	1.1
military (career)..............	2.2	2.6	2.2	1.5	4.4	2.7	2.2	2.7	1.3	2.0	1.5	1.5	1.5	4.8	3.5
research scientist.............	0.4	0.2	0.4	0.9	0.1	0.2	0.2	0.3	0.8	0.4	0.5	0.8	1.1	0.1	0.2
skilled worker.................	10.3	12.8	9.8	7.6	10.5	13.3	7.5	11.1	7.4	8.1	8.3	8.6	4.5	10.5	10.6
semi-skilled worker............	4.5	5.9	4.1	3.2	5.4	6.1	4.2	4.6	2.9	3.7	3.5	3.7	1.6	5.7	4.7
laborer (unskilled)............	3.4	4.5	3.2	2.1	5.5	4.7	2.8	3.8	2.0	2.5	2.7	2.5	1.1	6.1	4.4
unemployed.....................	2.4	2.9	2.4	1.8	5.4	2.9	2.4	2.5	2.3	2.4	2.3	1.9	1.5	5.4	5.6
other..........................	26.0	29.0	26.4	21.0	36.9	29.1	27.8	28.1	22.7	24.4	25.9	22.5	16.3	37.3	36.0
Father's Religious Preference															
Baptist........................	17.4	19.1	20.8	9.5	61.2	18.2	27.3	23.4	13.6	27.8	3.4	9.5	9.6	64.3	54.1
Buddhist.......................	0.5	0.4	0.4	1.1	0.2	0.3	1.0	0.3	0.8	0.4	0.4	1.0	1.3	0.2	0.2
Congregational.................	1.1	0.8	1.2	1.4	0.4	0.8	0.8	1.1	2.3	1.1	0.4	1.5	0.9	0.3	0.8
Eastern Orthodox...............	0.7	0.6	0.5	1.0	0.0	0.7	0.5	0.4	0.9	0.4	0.8	1.0	1.1	0.1	0.0
Episcopal......................	2.5	2.3	2.5	2.8	1.7	2.3	2.4	1.8	4.3	3.7	1.4	2.5	3.5	1.6	1.8
Islamic........................	0.4	0.1	0.5	0.5	1.8	0.1	0.2	0.4	1.0	0.3	0.4	0.5	0.8	1.5	2.4
Jewish.........................	2.7	1.2	2.0	6.0	0.3	1.2	1.1	1.4	5.4	1.0	0.6	5.5	7.5	0.3	0.2
LDS (Mormon)...................	0.3	0.2	0.3	0.3	0.0	0.2	0.2	0.4	0.3	0.3	0.1	0.4	0.2	0.0	0.0
Lutheran.......................	6.6	5.8	6.9	7.2	0.4	5.2	10.6	8.0	4.2	7.0	4.4	8.2	4.3	0.2	0.8
Methodist......................	9.9	11.6	9.1	8.7	9.6	11.8	10.4	9.9	6.9	11.4	3.2	9.2	7.1	9.0	10.8
Presbyterian...................	5.0	5.0	4.9	5.4	1.5	5.1	4.2	4.1	6.1	7.6	2.5	5.4	5.6	1.5	1.7
Quaker.........................	0.2	0.2	0.2	0.2	0.0	0.2	0.1	0.2	0.3	0.4	0.3	0.2	0.2	0.0	0.2
Roman Catholic.................	33.0	32.7	31.3	36.2	7.3	33.8	22.1	30.5	30.4	15.3	72.2	34.9	40.2	6.5	9.1
Seventh Day Adventist..........	0.2	0.2	0.3	0.3	1.0	0.2	0.1	0.3	0.3	0.2	0.2	0.3	0.2	0.9	1.1
other Protestant...............	5.0	5.3	5.2	4.4	1.1	5.3	4.5	4.4	7.0	7.5	2.6	4.6	4.1	0.9	1.7
other religion.................	4.7	5.0	4.8	3.8	6.4	4.8	7.2	4.6	4.5	8.0	1.7	4.0	3.3	6.3	6.4
none...........................	9.8	9.6	9.1	11.1	7.2	9.8	7.4	9.0	11.9	7.7	5.6	11.5	10.0	6.4	8.8

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Mother's Education															
grammar school or less..........	2.7	3.2	2.5	2.4	3.5	3.0	5.3	2.5	2.3	2.0	4.1	2.5	2.2	3.6	3.3
some high school................	6.1	9.1	5.2	3.2	8.4	9.3	7.2	5.9	3.6	4.7	4.7	3.5	2.1	8.9	7.4
high school graduate............	34.4	42.6	32.2	26.0	30.1	43.5	33.7	35.8	23.9	28.2	30.6	29.3	14.9	31.8	25.9
postsecondary other than college	7.6	7.2	8.3	7.2	7.2	7.2	6.6	8.9	7.0	7.4	8.4	7.7	5.5	7.5	6.7
some college....................	16.9	14.8	18.4	17.6	21.0	14.4	18.6	18.7	17.1	19.1	16.8	17.8	17.1	21.0	20.8
college degree..................	19.4	14.9	19.9	25.4	16.0	14.6	17.4	17.4	25.5	23.2	20.5	23.7	31.3	14.9	18.5
some graduate school............	2.9	1.9	3.1	4.1	2.1	1.8	2.0	2.5	4.3	3.5	3.8	3.6	6.0	2.0	2.2
graduate degree.................	9.9	6.4	10.4	14.1	11.7	6.1	9.2	8.2	16.3	12.0	11.1	12.0	20.9	10.3	15.1
Mother's Career (5)															
artist (including performer)....	1.4	1.1	1.4	2.0	0.6	1.0	2.2	1.0	2.8	1.7	1.4	1.8	2.6	0.6	0.7
business........................	14.0	13.6	13.9	14.6	12.9	13.3	16.5	13.8	15.2	13.3	13.1	14.4	15.0	12.9	13.0
business (clerical).............	10.2	10.4	10.6	9.3	8.2	10.5	9.9	11.7	8.7	9.3	9.3	9.8	7.4	8.4	7.6
clergy or religious worker......	0.1	0.0	0.2	0.1	0.2	0.0	0.1	0.1	0.3	0.5	0.1	0.1	0.2	0.2	0.3
college teacher or administrator	0.4	0.2	0.5	0.6	0.4	0.2	0.5	0.3	0.9	0.7	0.5	0.5	1.0	0.4	0.5
doctor or dentist...............	0.4	0.2	0.4	0.8	0.5	0.2	0.3	0.3	0.7	0.4	0.4	0.6	1.4	0.5	0.4
education (secondary)...........	4.0	2.7	4.6	5.0	5.6	2.7	3.3	4.0	5.4	5.8	4.0	4.7	6.1	5.1	6.8
education (elementary)..........	6.9	4.9	7.9	8.2	8.2	4.8	6.4	7.5	8.4	9.3	8.1	7.7	9.6	7.3	10.0
engineer........................	0.2	0.2	0.2	0.3	0.4	0.2	0.1	0.2	0.3	0.1	0.1	0.2	0.3	0.4	0.4
farmer or forester..............	0.5	0.7	0.3	0.4	0.0	0.6	0.7	0.4	0.2	0.3	0.3	0.5	0.1	0.0	0.0
health professional (non-M.D.)..	2.1	2.0	2.1	2.4	2.0	2.0	1.8	2.1	2.1	2.1	1.8	2.3	2.5	1.6	2.9
homemaker (full-time)...........	15.0	15.4	14.2	16.0	5.5	15.3	15.6	13.1	15.0	16.2	17.6	14.8	19.7	5.4	5.6
lawyer..........................	0.3	0.2	0.3	0.5	0.4	0.1	0.4	0.2	0.6	0.2	0.3	0.4	0.8	0.3	0.4
nurse...........................	8.0	8.5	7.8	7.7	9.2	8.7	6.5	7.8	7.6	7.5	9.6	7.9	7.0	8.7	10.2
research scientist..............	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.4	0.1	0.3
social/welfare/recreation worker	1.3	0.8	1.5	1.6	3.3	0.7	1.1	1.4	1.8	1.8	1.4	1.6	1.6	3.2	3.6
skilled worker..................	2.3	2.6	2.2	1.9	3.2	2.6	2.7	2.4	1.7	2.1	1.7	2.1	1.2	3.6	2.4
semi-skilled worker.............	3.0	3.9	2.7	2.3	3.1	4.0	2.3	3.0	2.1	2.5	2.1	2.6	1.3	3.2	2.7
laborer (unskilled).............	2.1	2.8	1.9	1.4	2.9	2.9	1.1	2.3	1.2	1.6	1.4	1.7	0.7	3.2	2.2
unemployed......................	5.7	6.6	5.3	5.1	6.8	6.7	6.2	5.4	5.3	4.9	5.8	5.1	5.0	6.9	6.7
other...........................	21.8	23.2	21.8	19.8	26.5	23.3	22.3	23.1	19.7	19.8	20.9	20.9	16.0	28.0	23.3
Mother's Religious Preference															
Baptist.........................	17.7	18.6	21.6	10.0	61.2	17.6	27.2	24.3	14.4	28.9	3.5	10.0	10.1	62.9	57.2
Buddhist........................	0.6	0.3	0.4	1.2	0.3	0.2	1.3	0.3	0.8	0.4	0.4	1.1	1.4	0.3	0.2
Congregational..................	1.3	1.1	1.4	1.5	0.6	1.1	1.0	1.2	2.5	1.1	0.5	1.7	1.1	0.5	0.7
Eastern Orthodox................	0.6	0.5	0.5	0.9	0.1	0.5	0.4	0.3	0.8	0.4	0.6	0.9	1.0	0.2	0.0
Episcopal.......................	2.8	2.5	2.8	3.1	2.0	2.5	2.5	2.1	4.6	4.0	1.7	2.8	4.0	2.1	2.0
Islamic.........................	0.3	0.1	0.3	0.5	0.8	0.1	0.1	0.2	0.7	0.3	0.3	0.4	0.7	0.6	1.4
Jewish..........................	2.5	1.1	1.8	5.7	0.1	1.2	0.8	1.3	4.9	0.8	0.4	5.3	7.1	0.1	0.1
LDS (Mormon)....................	0.3	0.2	0.3	0.4	0.0	0.2	0.3	0.4	0.3	0.4	0.1	0.4	0.3	0.0	0.0
Lutheran........................	6.6	5.6	7.0	7.4	0.7	5.1	10.6	8.2	4.4	7.1	4.1	8.3	4.4	0.6	0.7
Methodist.......................	10.8	12.8	9.9	9.3	10.9	13.1	10.6	10.8	7.7	12.0	3.3	9.9	7.4	10.4	12.1
Presbyterian....................	5.3	5.4	5.0	5.8	1.9	5.5	4.8	4.2	6.5	7.7	2.5	5.7	6.2	2.1	1.6
Quaker..........................	0.3	0.3	0.3	0.2	0.0	0.3	0.2	0.2	0.4	0.4	0.3	0.3	0.2	0.0	0.0
Roman Catholic..................	34.3	34.2	32.3	37.9	7.8	35.4	23.6	31.2	31.9	15.9	74.8	36.6	42.1	7.0	10.0
Seventh Day Adventist...........	0.3	0.3	0.3	0.3	0.7	0.3	0.1	0.3	0.3	0.2	0.2	0.3	0.3	0.7	0.8
other Protestant................	5.2	5.6	5.3	4.6	1.5	5.7	4.4	4.4	7.3	7.8	2.6	4.7	4.2	1.3	2.1
other religion..................	5.2	5.6	5.5	4.2	8.5	5.3	7.8	5.3	5.1	8.6	2.1	4.4	3.5	8.6	8.3
none............................	5.9	5.8	5.3	7.1	2.8	5.9	4.6	5.3	7.5	4.0	2.8	7.4	6.1	2.7	2.9

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Reasons Noted as Very Important in Selecting This College															
relatives wanted me to come.....	8.8	9.3	9.1	7.5	15.6	9.0	12.1	9.6	7.4	9.5	8.9	7.5	7.6	16.0	14.5
advice of teacher...............	4.1	4.7	4.2	3.0	7.1	4.4	7.0	4.2	4.4	4.2	4.3	2.9	3.4	7.1	6.9
good academic reputation........	51.3	40.6	53.9	63.1	49.0	39.9	47.3	48.9	65.5	55.6	62.8	58.5	78.1	40.0	70.7
good social reputation..........	21.2	14.9	22.0	29.3	28.6	14.1	22.4	21.0	22.5	23.9	25.8	29.5	28.9	28.2	29.6
offered financial assistance....	25.2	23.2	30.2	20.0	36.7	22.2	33.0	24.2	33.8	45.1	41.2	16.8	30.4	35.4	39.6
offers special programs.........	21.7	21.2	23.2	19.8	33.1	20.8	25.8	21.5	28.4	24.3	22.7	18.9	22.6	29.2	42.5
low tuition.....................	23.4	25.1	23.2	21.2	29.6	26.6	10.4	33.5	7.4	7.3	7.5	26.9	2.8	34.2	18.4
advice of guidance counselor....	7.6	9.4	7.3	5.3	10.0	9.0	13.0	7.5	7.3	6.6	7.6	5.4	4.9	10.0	10.0
wanted to live near home........	19.8	25.7	18.1	13.7	18.5	26.2	21.1	20.9	10.7	15.2	19.0	15.4	8.2	21.1	12.2
friend suggested attending......	9.0	10.0	9.3	7.1	11.3	9.7	13.1	10.0	7.3	9.4	8.4	7.4	5.9	11.9	10.0
recruited by college rep........	4.0	3.4	5.5	2.3	8.0	2.7	9.8	3.9	5.4	11.1	8.2	2.0	2.9	7.0	10.4
recruited by athletic department	5.0	4.2	6.8	3.2	6.6	3.5	10.8	5.6	5.9	12.3	7.8	2.9	4.1	7.5	4.5
graduates go to top grad schools	24.1	20.4	23.6	30.5	27.0	19.6	27.8	19.4	32.0	27.7	29.5	26.2	44.5	20.4	42.7
graduates get good jobs.........	42.4	37.9	43.4	47.8	46.5	38.1	35.6	40.7	50.0	42.9	51.1	44.8	57.6	41.3	58.8
religious affiliation of college	5.1	3.6	7.4	3.6	8.3	2.3	15.9	2.5	9.8	22.2	13.6	1.4	10.7	6.9	11.9
size of college.................	35.0	30.7	43.7	27.0	34.4	28.8	48.3	37.8	48.5	56.7	55.9	21.9	43.5	32.1	39.9
Students Estimate Chances Are Very Good That They Will															
change major field..............	12.4	8.1	13.5	17.3	10.1	7.5	13.0	13.1	14.5	13.2	13.8	17.1	17.8	10.7	8.8
change career choice............	11.4	7.0	12.5	16.5	8.7	6.6	11.2	11.7	14.3	12.8	13.2	15.9	18.3	9.1	7.7
fail one or more courses........	1.3	1.2	1.5	1.3	2.0	1.1	1.9	1.5	1.2	1.6	1.2	1.4	1.0	1.8	2.4
graduate with honors............	13.5	11.4	14.2	15.5	24.9	11.4	11.5	13.1	16.4	15.8	13.8	14.1	20.0	24.0	27.1
be elected to student office....	3.5	2.8	4.2	3.5	8.8	2.6	3.8	3.7	4.9	5.0	4.8	3.0	5.1	7.8	11.3
get job to pay expenses.........	36.0	33.7	36.6	38.5	30.7	34.3	27.9	36.5	36.9	35.5	39.1	38.8	37.4	30.9	30.2
work full-time while attending..	4.0	5.3	3.6	2.5	5.7	5.6	2.9	4.2	2.4	3.0	2.8	2.8	1.5	5.5	6.0
join social frat or sorority....	17.2	10.3	20.2	22.9	28.2	9.6	16.4	19.3	20.9	23.6	18.7	21.1	28.6	27.3	30.5
play varsity athletics..........	15.4	14.0	18.8	11.8	19.1	13.2	21.7	15.9	21.8	25.8	21.6	11.2	14.0	19.9	17.0
be elected to an honor society..	8.1	5.4	9.3	10.3	16.6	5.4	6.1	8.2	11.1	11.2	9.6	9.1	14.5	15.1	20.5
make at least "B" average.......	41.3	36.5	41.4	48.7	45.2	36.8	34.0	38.9	47.4	42.8	44.3	45.7	58.1	42.6	51.6
need extra time for degree......	8.2	7.1	8.6	9.4	10.6	6.9	9.3	9.4	6.9	7.9	7.3	10.5	5.9	10.2	11.5
get tutoring in some courses....	15.9	15.8	16.8	14.5	29.3	15.1	22.1	17.1	16.3	16.3	17.0	14.9	13.3	26.8	35.7
work at outside job.............	20.2	22.7	19.0	18.4	15.1	23.3	16.5	21.1	14.6	15.2	20.2	19.8	14.1	15.2	14.7
seek vocational counseling......	5.1	4.1	5.4	6.1	7.1	3.9	5.5	5.0	6.3	5.8	6.1	5.5	8.1	6.2	9.2
seek individual counseling......	3.7	2.9	4.4	3.6	9.0	2.6	6.2	4.1	5.1	4.9	5.0	3.7	3.6	8.3	10.7
get bachelor's degree...........	66.1	47.3	74.9	80.0	75.9	46.4	55.8	73.8	79.5	74.2	74.3	78.7	84.4	74.3	80.1
participate in student protests.	7.1	4.7	8.1	8.9	15.5	4.5	5.9	6.9	11.9	8.5	8.1	8.6	10.0	14.2	19.0
drop out temporarily............	1.1	1.1	1.2	0.8	2.2	1.0	1.3	1.2	1.2	1.4	1.1	0.8	0.7	2.3	1.9
drop out permanently............	1.0	1.3	1.0	0.6	2.2	1.3	1.1	1.0	0.7	1.2	0.9	0.6	0.4	2.1	2.2
transfer to another college.....	12.8	19.5	11.0	5.6	11.7	18.9	25.1	12.5	6.5	11.3	8.5	6.3	3.3	12.8	9.0
be satisfied with college.......	50.9	47.2	50.9	56.4	45.8	47.2	47.4	47.8	57.9	53.8	54.1	52.8	68.0	42.5	54.2
find job in own field...........	70.6	69.8	70.6	72.0	72.5	70.3	64.9	72.0	67.8	69.2	69.0	71.9	72.4	72.4	72.9
marry while in college..........	5.4	5.9	5.7	4.2	4.8	6.0	5.2	6.3	3.8	6.1	4.7	4.7	2.6	5.0	4.5
participate in volunteer/com svc	14.2	9.7	16.4	17.7	18.7	9.4	11.7	13.0	22.2	21.3	20.1	14.9	26.8	15.8	26.1

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
SOURCES FOR EDUCATIONAL EXPENSES															
Received Any Aid From															
parents or family..............	78.7	71.7	80.2	86.8	76.9	70.5	83.4	75.9	89.0	84.8	85.0	85.4	91.3	75.9	79.3
spouse..........................	1.6	3.2	1.0	0.5	1.3	3.3	1.9	1.1	0.6	1.0	0.8	0.5	0.3	1.4	1.1
savings from summer work........	55.5	50.0	54.8	65.0	36.0	50.4	45.3	52.9	58.7	54.1	63.0	66.4	60.2	36.6	34.6
other savings...................	31.7	28.0	31.0	38.2	23.2	27.9	29.4	29.9	33.6	30.7	35.2	38.4	37.6	23.1	23.5
part-time job on campus.........	20.8	15.5	23.8	23.8	20.1	14.4	25.6	18.3	32.3	31.8	33.5	22.3	28.9	17.6	26.1
part-time job off campus........	21.8	26.5	19.6	18.4	16.7	26.9	22.1	22.1	14.0	15.3	21.0	20.6	11.0	17.1	15.6
full-time job while at college..	2.3	3.1	2.1	1.5	3.4	3.2	2.8	2.3	1.8	1.4	1.6	1.8	0.6	3.3	3.6
Pell Grant......................	23.2	28.8	23.1	14.7	41.8	28.9	27.6	22.1	21.6	28.4	25.2	15.0	13.6	40.5	44.7
Supp Educational Oppty Grant....	6.8	6.9	7.0	6.1	11.7	6.8	8.4	5.4	8.8	10.2	10.1	5.2	9.0	9.8	16.3
state scholarship or grant......	16.0	14.7	17.9	14.7	15.7	13.8	24.2	15.0	18.0	26.9	24.3	14.9	14.3	16.1	14.8
College Work-Study Grant........	10.4	6.8	13.6	10.4	14.8	5.9	15.7	8.3	19.8	22.6	25.8	8.0	18.6	11.6	22.3
other college grant.............	22.2	15.0	28.7	22.2	19.0	13.1	32.6	20.1	37.0	48.1	42.2	17.5	37.7	16.1	26.1
other private grant.............	10.6	8.4	11.7	12.1	8.6	7.9	13.0	9.0	15.0	17.1	14.6	10.5	17.4	7.2	12.0
other govt aid (ROTC,BIA,GI,etc)	3.2	3.6	3.5	2.2	4.5	3.7	2.5	4.3	2.4	1.7	2.0	2.0	2.7	4.6	4.1
Stafford/Guaranteed Student Loan	22.7	24.2	23.5	18.9	33.1	24.0	26.1	16.9	31.0	35.8	36.1	16.6	26.6	31.8	36.4
Perkins Loan....................	7.6	6.6	8.4	7.8	9.5	6.4	8.2	5.5	12.9	12.3	14.0	6.5	12.1	8.3	12.5
other college loan..............	6.0	5.8	6.1	6.1	7.0	5.8	5.5	5.0	8.0	7.6	7.5	5.6	7.6	6.0	9.4
other loan......................	6.2	6.4	6.1	6.1	7.4	6.4	7.1	5.5	7.6	6.8	7.2	6.2	6.0	6.6	9.4
other...........................	3.2	3.2	3.2	3.2	3.4	3.2	3.5	3.1	3.3	3.6	3.4	3.2	3.3	3.1	4.0
Received $1,500 or More From															
parents or family..............	53.2	40.7	54.8	69.3	40.1	39.1	56.6	46.9	72.0	61.1	66.2	65.8	81.0	38.2	44.7
spouse..........................	0.5	0.8	0.3	0.2	0.4	0.9	0.6	0.3	0.2	0.4	0.3	0.2	0.2	0.4	0.4
savings from summer work........	7.4	5.1	7.1	11.4	1.5	5.1	4.4	6.1	9.6	6.6	11.2	11.5	11.2	1.6	1.4
other savings...................	5.9	4.0	5.9	8.8	2.8	3.9	5.0	4.9	8.5	6.3	7.6	8.2	10.9	2.8	2.6
part-time job on campus.........	1.2	0.2	1.3	2.5	1.4	0.2	0.9	0.7	2.2	1.8	3.3	1.6	5.5	1.1	2.3
part-time job off campus........	1.2	1.1	1.2	1.4	1.0	1.1	1.2	1.2	1.2	1.1	1.8	1.4	1.3	1.1	0.7
full-time job while at college..	0.6	0.6	0.6	0.5	0.9	0.6	0.5	0.6	0.7	0.5	0.4	0.6	0.2	0.9	1.0
Pell Grant......................	7.1	7.5	7.7	5.6	16.2	7.2	10.3	6.6	8.5	10.7	9.6	5.5	6.0	13.4	23.0
Supp Educational Oppty Grant....	1.3	1.0	1.5	1.5	2.4	0.9	2.2	0.7	2.6	2.7	2.6	0.9	3.4	1.5	4.7
state scholarship or grant......	3.8	2.3	4.9	4.1	3.6	1.7	7.8	2.8	6.3	10.2	8.4	3.3	6.9	3.8	3.4
College Work-Study Grant........	1.4	0.3	1.6	2.7	2.1	0.3	1.0	0.8	3.1	2.1	3.4	1.7	6.0	1.4	3.8
other college grant.............	9.9	3.7	14.2	11.9	8.0	2.9	12.0	5.3	26.9	29.9	27.2	6.7	29.1	5.1	15.1
other private grant.............	2.7	1.9	3.0	3.6	2.4	1.7	3.3	1.8	5.2	4.7	4.0	2.4	7.4	1.7	4.1
other govt aid (ROTC,BIA,GI,etc)	1.9	1.7	2.3	1.5	2.3	1.8	1.0	2.9	1.7	0.8	1.1	1.3	2.3	2.4	2.1
Stafford/Guaranteed Student Loan	13.6	14.0	14.2	12.0	19.9	13.8	15.7	9.0	21.3	23.1	23.1	9.7	19.6	17.9	24.6
Perkins Loan....................	2.1	1.8	2.2	2.4	1.7	1.8	2.1	0.9	4.4	3.5	4.3	1.6	5.0	1.2	3.0
other college loan..............	3.3	3.0	3.4	3.7	3.8	3.0	2.7	2.5	5.2	4.1	4.7	3.1	5.6	3.0	5.5
other loan......................	3.6	3.3	3.7	3.9	4.2	3.3	4.2	2.9	5.4	4.3	4.7	3.6	4.8	3.8	5.4
other...........................	1.4	1.4	1.4	1.5	1.5	1.4	1.3	1.2	1.7	1.8	1.9	1.3	2.0	1.5	1.6

WEIGHTED NATIONAL NORMS FOR ALL FRESHMEN, FALL 1990

	All Institutions	All 2-Year Colleges	All 4-Year Colleges	All Universities	Predominantly Black Colleges	2-Year Colleges		4-Year Colleges				Universities		Predominantly Black Colleges	
						Public	Private	Public	Private Nonsect.	Protestant	Catholic	Public	Private	Public	Private
Objectives Considered to Be Essential or Very Important															
achieve in a in performing art..	10.8	8.9	12.2	11.2	15.9	8.3	15.0	11.2	14.3	13.8	11.8	10.7	12.8	15.8	16.1
become authority in my own field	65.4	63.0	66.1	67.7	77.5	62.9	64.3	67.1	65.8	63.8	63.9	67.4	68.5	76.8	79.4
obtain recog from colleagues....	54.9	51.7	56.1	57.9	67.1	51.3	55.2	56.9	55.5	53.0	57.3	58.1	57.1	67.3	66.7
influence political structure...	20.6	17.7	22.0	22.5	36.1	17.2	22.3	20.6	24.3	23.6	23.9	21.2	26.7	34.3	40.4
influence social values.........	42.9	39.4	46.0	42.9	57.0	38.7	46.6	44.2	46.8	50.5	49.6	41.8	46.6	54.7	62.7
raise a family..................	69.5	68.3	70.1	70.4	66.3	68.1	70.6	69.6	69.0	72.4	72.8	69.2	74.2	66.3	66.4
have admin responsibility.......	42.9	43.1	43.4	41.9	56.3	43.0	43.7	45.4	38.9	40.7	43.8	42.2	40.9	56.7	55.2
be very well off financially....	73.7	76.1	71.7	73.2	88.0	76.3	74.1	74.8	67.2	64.7	71.8	74.6	68.7	88.5	86.8
help others in difficulty.......	62.0	60.0	64.3	61.2	75.4	59.3	66.5	63.3	63.5	68.3	67.2	60.3	64.2	74.0	78.8
theoretical contrib to science..	17.1	14.6	17.2	21.0	24.1	14.5	15.4	17.2	18.4	16.1	15.9	21.2	20.2	22.4	28.3
write original works............	12.2	10.0	13.4	13.7	15.3	9.6	13.5	12.2	16.4	14.7	14.0	13.2	15.1	15.1	15.9
create artistic work............	12.2	12.1	12.2	12.5	14.5	11.6	16.6	11.2	15.5	12.2	12.3	13.0	10.8	15.2	12.7
be successful in own business...	43.3	46.2	41.6	41.7	63.3	45.9	49.2	42.0	40.7	40.5	41.9	42.6	38.9	64.1	61.3
be involved in environ cleanup..	33.9	30.6	35.0	37.2	36.6	30.0	36.3	33.4	38.6	36.4	37.3	36.6	38.8	36.4	37.4
develop philosophy of life......	43.2	38.3	44.9	47.8	57.2	37.4	46.4	42.8	49.3	47.7	45.6	45.7	54.2	56.0	60.3
participate in community action.	25.9	21.8	28.6	27.5	45.3	21.1	28.7	27.0	31.0	31.8	30.2	25.9	32.6	43.3	50.2
promote racial understanding....	38.0	30.5	42.8	41.3	74.7	29.3	41.8	41.0	47.3	44.2	44.3	39.8	46.4	73.0	78.9
keep up to date with politics...	42.4	34.9	44.8	49.7	54.0	34.4	40.4	41.6	52.3	47.8	47.6	46.3	60.4	52.2	58.4
Political Views															
far left........................	1.8	1.7	2.0	1.7	4.2	1.7	1.7	1.9	2.5	1.7	1.5	1.7	1.3	4.1	4.5
liberal.........................	22.6	19.2	23.4	26.5	30.2	18.9	22.2	22.0	28.9	22.6	23.7	26.6	26.2	28.5	34.0
middle of the road..............	54.7	59.9	53.1	49.5	47.8	60.5	54.6	56.2	46.4	48.1	53.2	51.0	44.6	49.6	43.6
conservative....................	19.7	18.1	20.2	21.2	16.6	17.9	20.2	18.7	20.7	26.0	20.2	19.6	26.3	16.8	16.2
far right.......................	1.2	1.0	1.3	1.1	1.2	1.0	1.3	1.2	1.5	1.6	1.4	1.0	1.6	1.0	1.7
Agrees Strongly or Somewhat															
govt not protecting consumer....	68.4	69.3	69.1	65.9	78.7	69.2	70.4	69.4	68.8	68.5	67.9	67.1	61.8	78.0	80.2
govt not controlling pollution..	87.9	86.2	88.3	89.7	85.8	86.4	85.1	88.0	90.2	87.6	88.0	89.6	90.2	85.4	86.8
raise taxes to reduce deficit...	28.6	22.8	29.4	36.1	19.0	22.6	24.8	28.5	32.3	29.5	29.3	35.0	39.8	18.4	20.3
too much concern for criminals..	66.3	68.3	65.5	64.5	52.2	68.7	64.2	66.4	62.6	66.4	63.4	65.1	62.7	51.0	55.0
increase fed military spending..	25.1	30.9	24.5	17.2	31.1	31.1	29.7	25.4	21.2	26.7	20.1	17.5	16.4	32.2	28.4
abortion should be legal........	64.9	63.8	63.0	69.7	71.6	64.4	58.5	64.1	68.8	55.6	54.2	71.1	65.2	72.1	70.5
abolish death penalty...........	21.5	18.6	23.3	22.9	36.9	18.3	21.5	21.8	26.7	22.6	28.4	21.8	26.4	35.9	39.4
sex OK if people like each other	51.0	52.6	48.5	52.8	43.7	53.6	43.1	49.7	52.7	39.6	45.8	54.8	46.3	44.6	41.7
married women best at home......	25.2	28.5	24.6	20.9	33.1	28.3	31.2	24.9	22.7	26.9	23.0	21.4	19.1	33.2	32.9
marijuana should be legalized...	18.6	18.3	17.6	20.9	16.4	18.2	18.9	16.5	22.4	16.0	18.2	21.3	19.6	16.3	16.5
busing OK to achieve balance....	56.7	58.4	56.3	54.8	65.1	58.4	58.4	56.0	57.9	55.0	58.2	55.3	53.3	64.7	66.1
prohibit homosexual relations...	44.4	51.1	43.7	35.4	44.9	50.8	53.3	45.6	35.9	49.1	37.1	37.0	30.0	45.4	43.7
college increases earning power.	70.7	77.9	68.6	63.3	77.0	78.2	75.8	73.0	59.4	63.9	64.8	66.5	52.9	78.1	74.6
employers can require drug tests	80.4	81.3	81.1	77.9	80.4	81.3	81.1	82.4	76.7	82.6	78.3	77.6	78.9	79.9	81.5
control AIDS by mandatory tests.	66.4	72.1	65.3	59.5	69.4	72.1	72.1	67.6	59.6	63.3	64.5	61.3	53.6	70.4	66.9
man not entitled to sex on date.	86.9	84.7	87.6	88.9	83.6	84.8	84.2	87.3	88.3	87.9	87.7	88.2	91.1	83.6	83.7
fed govt do more control handgun	77.1	72.9	78.7	80.7	86.2	72.1	79.8	77.1	81.7	79.4	83.3	79.8	83.8	85.4	88.0
national health care plan needed	73.7	75.6	73.5	70.9	82.4	75.6	75.2	73.5	74.5	71.3	76.2	72.1	67.1	82.5	82.1
de-emphasize organized col sport	35.8	37.0	35.8	33.9	38.8	37.0	37.2	34.8	37.4	37.8	35.7	33.5	35.2	38.3	39.8
nuclear disarmament attainable..	60.9	60.7	60.4	62.2	54.8	60.7	60.8	60.7	60.4	58.2	61.9	62.8	60.3	55.0	54.5
publish all science findings....	53.1	54.3	52.7	51.9	55.1	54.2	55.0	52.7	53.7	51.6	52.9	52.3	50.6	54.4	56.6
students help evaluate faculty..	74.9	71.8	75.2	79.2	67.9	71.6	73.9	74.8	77.3	74.5	75.0	78.5	81.4	67.0	70.0
racial discrim no longer problem	20.6	25.3	18.9	16.5	11.0	25.6	22.6	20.3	15.3	18.2	17.4	17.6	13.1	11.4	10.3

Notes

1. Percentages will sum to more than 100 if any students check more than one category.
2. Because no Black two-year colleges participated in the 1990 survey, the associated Black enrollment is deflated in the two-year college norms and inflated in the four-year college norms.
3. Based on the curriculum recommendations of the National Commission on Excellence in Education.
4. Frequently only on this item, all other items in this group reflect responses for frequently or occasionally.
5. Students who applied to no other college (i.e. who applied to only one college) are not included in this item.
6. Recategortization of this item from a longer list shown in Appendix C.
7. Comparisons with the previous years not recommended due to change in item order.

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1990

	MEN						WOMEN					
	Public Universities Selectivity Levels			Private Universities Selectivity Levels			Public Universities Selectivity Levels			Private Universities Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Year Graduated from High School												
1990	96.7	97.1	98.4	98.4	98.5	98.9	98.1	98.3	99.0	99.4	99.0	99.0
1989	1.8	1.8	0.9	0.9	0.7	0.8	1.3	1.3	0.8	0.3	0.7	0.7
1988	0.5	0.3	0.3	0.3	0.2	0.1	0.3	0.1	0.1	0.1	0.1	0.0
1987 or earlier	0.9	0.7	0.3	0.4	0.2	0.1	0.3	0.2	0.1	0.0	0.1	0.1
H.S. equivalency (G.E.D. test)	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0
never completed high school	0.0	0.0	0.1	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.1	0.1
Age on December 31, 1990												
16 or younger	0.0	0.1	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.1	0.2
17	1.6	1.9	3.1	1.7	3.1	4.1	2.1	2.4	3.9	2.5	4.2	5.2
18	66.9	70.5	75.9	68.9	72.7	73.9	76.4	81.5	81.2	77.3	80.5	82.2
19	28.7	25.4	19.3	27.6	23.0	21.1	20.3	15.3	13.9	19.8	14.6	12.1
20	1.7	1.3	1.2	1.1	0.9	0.5	0.8	0.5	0.6	0.3	0.4	0.2
21-24	0.9	0.7	0.4	0.4	0.3	0.2	0.3	0.2	0.1	0.0	0.1	0.1
25-29	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30-39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
40-54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55 or older	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Racial Background (1)(2)												
White/Caucasian	88.3	89.6	77.8	82.8	82.9	79.5	83.5	87.2	74.7	82.6	80.4	77.1
Black/African-American	5.5	4.1	4.8	2.4	4.0	4.8	10.0	7.0	7.6	3.4	5.0	7.8
American Indian	1.2	0.5	0.9	1.0	0.7	0.7	1.2	0.7	0.9	1.1	0.7	0.8
Asian-American/Oriental	3.2	3.9	12.9	8.2	7.4	11.7	3.2	3.6	12.1	7.4	9.7	11.6
Mexican-American/Chicano	2.3	1.1	2.3	4.7	2.7	2.7	2.4	1.1	2.8	5.1	2.7	2.2
Puerto Rican-American	0.5	0.6	0.8	0.5	1.0	0.7	0.3	0.6	1.0	0.7	1.1	1.0
other	1.1	1.5	3.2	2.8	3.7	3.3	1.2	1.4	3.7	2.4	3.6	3.2
Average High School Grade												
A or A+	11.3	9.0	22.4	18.3	18.8	49.1	14.4	11.8	28.3	23.4	24.1	49.7
A-	13.0	14.7	25.4	20.3	23.6	25.6	14.9	17.4	27.3	23.7	26.7	26.0
B+	17.7	21.9	25.2	23.6	25.9	14.9	20.7	25.8	24.2	24.5	25.7	15.9
B	25.0	29.3	17.5	22.8	21.3	8.1	27.8	29.5	15.0	20.4	17.9	6.9
B-	16.2	15.2	6.2	10.0	7.6	1.8	11.6	10.0	3.8	5.6	4.5	1.3
C+	11.3	7.2	2.5	4.0	2.5	0.4	7.6	4.0	1.2	2.1	1.1	0.2
C	5.2	2.6	0.8	0.9	0.5	0.1	2.9	1.4	0.2	0.3	0.1	0.0
D	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Miles from College to Home												
5 or less	5.5	3.4	2.7	3.4	2.5	1.7	5.1	3.6	1.9	3.0	3.0	1.3
6-10	9.0	3.9	2.7	4.5	4.6	1.7	10.6	4.2	2.8	5.5	4.7	1.9
11-50	23.6	25.2	18.7	18.4	18.6	6.4	25.9	23.9	18.0	17.9	19.2	7.1
51-100	16.5	26.8	19.7	15.8	8.3	3.9	17.3	29.1	19.9	14.4	8.5	4.4
101-500	35.9	37.4	46.8	38.0	38.8	32.7	32.6	34.0	47.2	39.1	37.6	30.0
more than 500	9.5	3.3	9.5	20.0	27.2	53.6	8.5	5.2	10.2	20.1	27.1	55.3

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1990

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Estimated Parental Income												
less than $6,000	1.9	1.5	1.5	1.4	1.3	1.0	2.5	2.3	2.0	1.4	1.5	1.0
$6,000-$9,999	1.6	1.3	1.7	1.3	0.9	0.7	2.1	1.9	2.0	1.3	1.4	1.0
$10,000-$14,999	2.7	2.9	2.8	2.6	2.0	1.4	3.8	4.0	3.8	2.6	2.3	1.7
$15,000-$19,999	3.4	3.2	3.0	2.6	2.6	1.7	4.8	4.8	3.8	3.2	2.7	2.0
$20,000-$24,999	5.2	5.7	3.8	3.5	3.6	2.7	6.0	7.0	4.1	4.7	3.9	3.3
$25,000-$29,999	6.0	6.2	4.2	3.9	3.6	2.9	6.4	6.3	3.9	4.7	3.9	3.4
$30,000-$34,999	7.6	8.9	5.3	5.5	4.9	4.1	8.2	8.5	6.0	6.0	5.6	4.2
$35,000-$39,999	8.3	8.3	5.5	5.9	4.4	4.4	8.3	8.5	6.3	6.6	5.7	4.4
$40,000-$49,999	13.7	13.3	10.3	9.6	9.2	8.2	13.1	12.4	10.8	10.2	8.8	7.5
$50,000-$59,999	14.2	13.4	13.0	11.2	9.7	9.4	12.7	13.2	12.3	11.6	9.8	7.9
$60,000-$74,999	13.7	13.4	16.5	14.4	12.7	12.7	13.8	12.4	15.3	13.8	12.7	12.4
$75,000-$99,999	9.7	10.4	14.7	13.4	13.9	14.8	8.5	8.7	12.9	11.3	12.3	13.5
$100,000-$149,999	6.9	6.6	9.6	11.2	13.9	14.5	5.2	5.4	9.6	10.9	12.2	15.2
$150,000 or more	5.1	4.8	8.1	13.7	17.1	21.4	4.6	4.7	7.3	11.8	17.4	22.4
Status of Parents												
living with each other	73.5	77.2	76.8	79.9	79.9	80.8	70.3	74.6	75.3	76.8	77.3	79.0
divorced or separated	22.7	18.8	19.4	16.5	16.5	15.8	25.1	21.0	21.0	19.0	18.6	17.8
one or both deceased	3.8	4.0	3.8	3.6	3.7	3.4	4.6	4.4	3.7	4.1	4.0	3.2
Have Met or Exceeded Recommended Years of High School Study (3)												
English (4 years)	97.9	96.9	98.6	98.6	98.9	99.0	98.2	98.3	99.0	99.2	99.1	99.4
mathematics (3 years)	97.6	97.6	99.2	98.4	99.2	99.7	96.3	96.2	98.7	98.5	98.6	99.5
foreign language (2 years)	87.4	83.5	96.9	93.8	97.3	98.4	91.6	89.9	98.3	96.5	98.2	99.0
physical science (2 years)	59.0	64.5	70.4	56.4	65.0	79.1	47.0	53.8	61.3	45.6	56.7	69.1
biological science (2 years)	34.7	34.5	36.2	33.4	34.2	37.2	39.6	40.6	40.5	37.6	39.6	43.0
history/American govt (1 year)	99.2	99.5	99.4	99.2	99.3	99.5	98.8	99.3	99.3	99.1	99.4	99.5
computer science (1/2 year)	53.9	64.3	58.2	68.1	62.5	58.0	45.8	55.5	46.2	59.5	53.7	51.6
arts and/or music (1 year)	74.0	62.6	72.3	63.8	68.9	68.4	80.0	75.8	79.4	78.1	80.4	79.7
Racial Composition of Student's High School												
completely white	14.8	19.3	8.0	10.8	10.2	8.4	14.2	17.7	7.7	10.6	10.0	7.9
mostly white	64.8	65.6	62.7	63.7	64.6	70.5	61.3	63.7	58.8	60.8	62.8	68.1
roughly half non-white	14.5	11.6	20.8	18.6	17.2	15.9	16.6	13.4	23.9	20.6	18.8	18.3
mostly non-white	5.1	2.8	7.4	6.1	6.5	4.7	7.0	3.5	8.4	7.1	7.0	5.1
completely non-white	0.8	0.7	1.0	0.8	1.4	0.5	0.9	1.6	1.3	0.9	1.3	0.6
Racial Composition of Student's Neighborhood												
completely white	38.1	43.0	29.1	32.5	31.2	30.8	39.4	43.7	29.7	33.1	32.6	31.4
mostly white	48.8	47.7	53.1	52.2	52.5	55.7	45.0	44.8	50.3	52.4	50.5	54.8
roughly half non-white	5.9	4.7	8.4	8.0	7.8	7.2	6.2	5.2	9.2	7.2	7.8	6.6
mostly non-white	5.0	3.0	6.6	5.6	5.9	4.5	6.3	3.8	7.7	5.6	6.3	5.0
completely non-white	2.2	1.6	2.8	1.7	2.6	1.8	3.1	2.6	3.2	1.7	2.8	2.1

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1990

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Activities Engaged in by Student During the Past Year												
attended a religious service....	79.5	80.3	75.5	88.7	83.0	82.2	85.9	85.5	81.9	92.5	87.5	85.7
was bored in class (4)..........	34.6	32.5	37.8	29.7	33.9	41.2	36.0	32.6	35.7	27.2	32.9	37.4
participated in demonstrations..	36.8	35.3	32.8	36.0	31.4	24.7	41.9	39.3	37.0	38.5	34.4	30.6
won varsity letter in sports....	57.5	63.3	57.8	60.9	64.0	62.3	44.8	52.4	46.6	44.1	47.8	51.6
didn't complete homework on time	71.9	71.4	72.7	67.8	67.6	66.1	65.5	63.9	64.8	60.5	62.1	61.0
tutored another student.........	51.6	50.8	60.8	58.9	59.7	75.2	53.9	52.3	65.6	63.3	64.6	78.2
did extra class work/reading (4)	9.0	7.8	10.0	11.4	10.8	13.4	13.0	12.2	12.3	13.2	13.8	17.1
studied with other students.....	86.1	86.2	87.3	89.6	88.4	89.6	91.1	91.0	90.9	92.4	92.1	92.1
was a guest in a teacher's home.	28.7	27.4	29.1	31.8	31.4	38.8	29.4	27.9	31.0	32.1	32.5	42.0
smoked cigarettes (4)...........	8.1	6.1	6.1	5.5	5.6	4.4	9.5	7.8	7.5	5.9	6.9	5.8
drank beer......................	64.5	68.2	65.8	59.5	68.3	62.2	55.5	60.9	55.0	46.0	57.2	54.8
drank wine or liquor............	55.8	59.3	59.4	53.6	61.8	58.5	62.8	66.5	64.7	55.2	65.2	65.6
stayed up all night.............	81.7	79.2	78.5	79.8	78.5	75.0	81.1	80.7	81.3	80.1	81.0	79.3
spoke other language at home (4)	5.0	6.1	14.0	10.2	10.8	12.2	5.8	6.3	14.2	9.6	12.4	12.0
felt overwhelmed (4)............	14.1	13.7	15.9	15.1	14.7	16.5	29.0	27.9	34.0	30.3	31.7	35.4
felt depressed (4)..............	6.2	5.7	7.1	4.3	4.9	6.8	10.6	9.3	10.8	7.6	8.6	9.7
studied in library (4)..........	8.8	8.1	10.3	10.9	10.5	12.6	11.7	12.0	12.6	12.7	13.3	17.0
performed volunteer work........	59.9	59.1	66.3	69.6	69.9	77.5	67.2	66.6	76.5	75.8	78.9	85.8
visited art gallery or museum...	53.4	53.3	60.9	60.3	62.3	70.0	57.6	62.4	68.6	68.6	72.3	80.4
took vitamins...................	55.2	51.6	53.0	58.6	57.0	52.8	57.3	54.7	56.9	61.1	58.4	57.5
came late to class..............	61.1	58.9	67.5	61.6	63.1	68.2	60.5	56.4	66.3	60.5	62.8	68.1
wore glasses or contact lenses..	44.6	47.3	46.8	48.0	45.2	53.2	56.7	58.2	54.8	57.2	53.8	57.2
played a musical instrument.....	37.3	39.2	40.7	36.5	37.4	45.2	42.6	44.5	45.5	44.6	46.5	52.6
checked out book from sch lib(4)	23.2	24.5	24.7	25.4	25.8	30.2	32.1	33.7	33.7	32.6	34.4	38.3
asked teacher for advice (4)....	26.3	25.0	28.6	31.8	29.9	32.9	33.9	31.1	35.7	37.0	36.6	42.3
Student's Religious Preference												
Baptist.........................	13.3	4.4	6.2	17.8	5.2	5.0	15.8	5.9	9.2	18.6	5.9	5.7
Buddhist........................	0.5	0.6	1.3	0.7	0.7	0.9	0.3	0.3	1.1	0.6	1.0	0.6
Congregational..................	0.9	1.8	1.1	0.8	0.9	1.0	1.1	2.3	1.1	0.7	1.0	1.0
Eastern Orthodox................	0.7	1.0	0.9	1.2	1.3	0.7	0.7	0.9	0.8	1.0	1.0	0.7
Episcopal.......................	2.1	1.7	3.2	2.3	2.9	4.0	2.4	2.1	3.7	2.5	3.2	4.9
Islamic.........................	0.3	0.5	0.8	0.5	0.6	0.8	0.3	0.1	0.4	0.4	0.7	0.5
Jewish..........................	3.0	4.6	7.9	1.2	7.8	11.2	3.2	4.1	7.1	0.8	6.5	11.7
LDS (Mormon)....................	0.7	0.2	0.4	0.1	0.3	0.3	0.5	0.1	0.2	0.1	0.3	0.3
Lutheran........................	6.2	11.2	3.1	4.8	2.8	3.0	6.6	10.9	3.2	4.5	3.8	3.2
Methodist.......................	10.9	6.9	5.9	6.1	6.4	5.6	10.6	7.8	7.2	7.3	7.1	5.4
Presbyterian....................	5.5	3.7	5.5	4.0	4.9	5.3	5.1	4.0	6.0	4.7	6.1	6.1
Quaker..........................	0.2	0.3	0.3	0.0	0.3	0.2	0.1	0.2	0.2	0.1	0.1	0.3
Roman Catholic..................	28.3	40.4	32.1	41.9	44.6	35.7	30.2	41.3	32.8	41.5	43.1	34.5
Seventh Day Adventist...........	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.3	0.1	0.1	0.3
other Protestant................	4.8	3.8	3.4	4.8	3.9	3.6	4.5	3.5	3.5	4.9	3.2	3.4
other religion..................	5.5	3.2	4.5	3.0	3.0	4.1	6.4	4.1	5.0	4.3	3.8	4.3
none............................	16.7	15.5	23.1	10.6	14.3	18.3	12.0	12.1	18.0	7.7	13.0	17.1
Born-Again Christian?												
no..............................	74.5	85.9	87.5	70.0	86.6	87.6	71.5	85.1	82.9	67.0	85.4	88.1
yes.............................	25.5	14.1	12.5	30.0	13.4	12.4	28.5	14.9	17.1	33.0	14.6	11.9

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1990

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
High School Accomplishments												
pres of 1 or more student orgs..	19.4	18.1	24.3	25.2	28.1	40.3	24.4	23.0	31.0	29.1	34.3	45.6
rated high in music contest.....	13.1	13.1	9.8	11.5	10.8	14.9	18.2	17.6	13.4	18.0	15.1	18.5
in speech/debate contest........	5.8	6.5	7.7	9.0	10.0	16.5	6.8	8.2	7.8	9.0	10.0	14.6
had a major part in a play......	11.9	12.8	12.0	14.6	15.4	17.6	13.2	14.5	14.7	15.4	17.6	19.6
won award in art competition....	11.8	8.0	9.4	9.1	9.0	8.5	11.5	9.6	11.2	8.9	10.6	10.5
edited a school publication.....	9.5	9.0	13.7	11.5	14.7	23.5	15.5	16.6	21.1	16.7	23.1	30.7
had original writing published..	13.3	13.8	18.8	14.9	17.9	27.5	16.5	17.9	23.1	19.1	24.5	30.2
won award in science contest....	7.0	6.1	9.4	6.3	7.7	18.8	4.9	3.8	6.6	4.3	6.2	11.8
member of scholastic honor soc..	29.3	30.5	53.3	43.0	50.2	75.0	39.3	40.2	65.9	55.7	61.1	78.2
Student Rated Self Above Average or Highest 10% in												
academic ability................	71.9	77.8	86.5	81.7	86.9	95.8	63.8	69.0	82.6	76.8	83.7	92.9
artistic ability................	33.1	29.2	32.1	29.3	32.4	34.0	26.6	25.5	28.9	27.1	30.9	33.0
competitiveness.................	73.7	73.4	71.1	76.6	77.6	79.8	50.6	49.6	53.6	55.1	58.0	66.0
cooperativeness.................	69.9	69.5	72.4	75.2	73.3	75.2	76.6	77.3	77.7	80.8	80.1	79.4
drive to achieve................	70.7	71.8	75.3	79.9	80.1	86.1	72.5	72.3	79.3	81.5	82.9	87.8
emotional health................	66.2	67.8	66.7	71.4	71.4	71.3	57.0	56.5	59.1	63.7	63.1	64.6
leadership ability..............	60.2	60.0	59.0	66.4	67.1	70.6	55.3	53.4	56.3	60.6	62.3	68.3
mathematical ability............	55.8	59.0	68.2	57.1	63.4	80.3	38.5	38.9	51.6	43.2	49.4	65.3
physical health.................	72.9	75.3	71.9	74.3	75.2	73.2	53.4	55.1	54.7	57.9	58.6	58.5
popularity......................	54.6	54.2	51.8	56.3	58.2	57.7	44.8	44.3	42.4	43.9	47.8	48.0
popularity with opposite sex....	51.5	50.2	48.3	52.0	53.5	50.1	42.4	41.6	38.5	38.5	41.0	40.1
public speaking ability.........	35.2	33.5	38.1	43.3	45.5	53.1	33.3	31.1	35.1	37.3	41.4	47.3
self-confidence (intellectual)..	63.7	64.7	71.3	71.9	73.8	83.2	50.5	48.6	56.8	58.0	59.8	70.7
self-confidence (social)........	52.9	52.1	51.5	57.1	57.1	54.5	46.6	44.4	44.3	48.3	48.5	48.2
understanding of others.........	66.0	66.1	69.2	71.5	71.4	72.8	75.9	74.5	78.6	79.1	79.4	80.5
writing ability.................	44.8	43.4	52.8	52.4	54.9	69.4	48.3	47.4	53.2	53.1	55.2	67.8
Prior Credit at This Institution												
no..............................	96.8	96.8	96.3	97.2	97.6	97.4	96.4	96.7	96.7	97.2	97.9	96.9
yes.............................	3.2	3.2	3.7	2.8	2.4	2.6	3.6	3.3	3.3	2.8	2.1	3.1
This College is Student's												
first choice....................	74.5	74.2	68.5	79.9	68.9	72.8	74.1	72.6	68.6	83.8	71.3	74.6
second choice...................	19.8	20.4	22.1	16.7	23.0	18.5	20.1	21.5	23.1	13.6	22.4	17.8
third choice....................	4.0	3.8	6.3	2.3	5.8	5.8	3.7	4.0	5.3	2.1	4.4	5.1
less than third choice..........	1.7	1.6	3.1	1.1	2.4	2.9	2.1	1.8	3.0	0.5	1.8	2.5
Number of Other Colleges Applied to for Admission This Year												
none............................	33.4	26.6	10.0	17.8	7.7	6.9	35.5	25.5	9.0	21.3	8.6	6.9
one.............................	17.5	16.1	9.7	14.4	7.9	5.9	19.5	16.6	10.5	15.5	7.2	5.5
two.............................	18.5	17.9	15.0	18.8	11.3	9.8	18.2	18.2	14.7	19.4	12.8	9.1
three...........................	15.3	15.1	19.0	18.6	17.3	14.1	13.7	16.1	18.6	18.0	16.7	13.3
four............................	7.2	9.6	16.4	12.1	15.6	15.5	6.3	8.8	16.1	11.0	15.9	14.7
five............................	4.3	6.6	12.2	8.4	15.5	14.7	3.2	6.4	12.3	7.3	15.4	15.5
six or more.....................	4.0	8.1	17.8	9.8	24.7	33.0	3.5	8.5	18.7	7.4	23.4	35.1
Permission to Use Student I.D.												
yes.............................	74.7	81.5	73.2	78.3	73.1	76.5	77.7	83.4	75.4	81.6	75.8	79.2
no..............................	25.3	18.5	26.8	21.7	26.9	23.5	22.3	16.6	24.6	18.4	24.2	20.8

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1990

	MEN						WOMEN					
	Public Universities Selectivity Levels			Private Universities Selectivity Levels			Public Universities Selectivity Levels			Private Universities Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
HOURS PER WEEK IN THE LAST YEAR												
None												
studying or doing homework......	2.2	2.0	1.4	1.0	0.9	1.0	0.6	0.4	0.3	0.2	0.3	0.1
socializing with friends........	0.2	0.2	0.3	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.1
talking w/teacher outside class.	10.2	10.0	8.1	6.5	7.0	5.1	6.9	6.1	4.8	4.0	3.8	2.6
exercising or sports............	2.9	1.6	2.0	1.5	1.8	2.1	5.4	3.6	4.1	3.1	3.2	3.3
partying........................	12.2	10.6	11.6	12.1	9.1	14.5	14.7	12.7	14.5	15.8	11.7	15.7
working (for pay)...............	26.0	21.3	34.0	33.5	39.2	51.3	24.0	21.1	31.2	33.0	37.1	47.7
volunteer work..................	52.6	52.5	46.2	42.1	41.3	34.3	47.2	46.6	36.9	35.0	31.9	24.5
student clubs and groups........	35.8	37.5	22.9	23.1	19.7	9.5	19.7	20.8	10.2	12.0	8.0	4.1
watching TV.....................	3.9	3.7	4.2	4.1	4.1	4.8	5.0	5.3	6.2	5.5	6.2	8.8
Six or More Hours												
studying or doing homework......	34.8	37.8	48.4	46.8	52.4	65.4	45.5	49.4	61.3	59.0	64.9	76.4
socializing with friends........	81.6	82.7	83.4	82.0	83.6	82.5	78.6	81.5	80.9	81.0	81.4	82.8
talking w/teacher outside class.	3.9	3.1	3.9	4.3	4.4	4.0	5.0	4.2	5.0	4.9	4.9	6.0
exercising or sports............	59.9	64.3	60.6	62.3	63.9	63.0	37.0	43.3	41.4	42.5	44.9	49.3
partying........................	36.9	35.1	34.0	32.1	37.2	27.7	33.2	33.0	30.0	27.1	32.3	27.9
working (for pay)...............	63.1	67.1	54.1	52.7	45.1	32.4	66.8	68.8	57.6	54.4	50.6	37.2
volunteer work..................	4.7	3.8	5.2	6.6	6.8	6.6	6.1	4.9	7.1	7.2	8.2	8.9
student clubs and groups........	11.2	9.3	14.3	15.8	18.0	23.8	18.8	17.0	22.5	25.5	25.5	31.5
watching TV.....................	39.2	38.4	39.0	34.3	37.1	35.1	28.5	25.4	27.5	22.0	24.4	23.3
Sixteen or More Hours												
studying or doing homework......	4.9	5.2	10.1	9.1	11.6	20.4	7.4	8.7	16.0	13.6	17.2	30.9
socializing with friends........	38.4	38.8	39.8	35.8	37.6	34.4	34.2	34.4	33.6	30.7	33.6	34.2
talking w/teacher outside class.	0.7	0.4	0.4	0.6	0.6	0.5	0.7	0.6	0.6	0.5	0.6	0.5
exercising or sports............	22.3	22.8	21.3	23.1	24.7	21.8	10.8	11.2	10.9	11.8	10.9	12.8
partying........................	10.5	8.1	7.8	6.6	8.3	5.4	6.7	5.9	4.2	3.7	4.5	3.8
working (for pay)...............	42.7	41.2	31.3	30.2	23.1	14.7	41.8	37.5	27.9	27.5	22.0	14.5
volunteer work..................	1.4	1.1	1.4	1.6	1.8	1.4	1.4	1.0	1.4	1.5	1.7	1.8
student clubs and groups........	2.6	2.4	3.4	3.9	4.8	5.7	4.1	3.7	4.7	5.9	5.7	7.3
watching TV.....................	10.0	8.5	9.5	7.1	8.2	7.4	5.7	5.1	5.2	3.3	3.9	4.2
U.S. Citizen?												
yes.............................	98.2	97.4	91.9	95.6	95.1	95.3	98.4	97.7	92.7	96.7	95.1	95.8
permanent resident..............	1.6	2.3	7.1	3.3	2.9	2.9	1.5	2.1	6.6	2.7	3.6	2.8
no..............................	0.3	0.3	1.0	1.1	2.0	1.8	0.1	0.2	0.8	0.7	1.3	1.4
Native English Speaker												
yes.............................	95.9	95.4	87.1	91.7	91.8	91.2	95.7	95.7	87.5	92.5	90.6	91.2
no..............................	4.1	4.6	12.9	8.3	8.2	8.8	4.3	4.3	12.5	7.5	9.4	8.8
Residence Planned During Fall 1990												
with parents or relatives.......	24.8	9.5	8.0	9.9	8.7	1.3	25.9	8.7	6.6	10.5	8.7	1.3
other private home, apt, room...	7.2	2.3	2.3	1.6	1.1	0.2	5.4	1.7	1.9	1.0	0.8	0.1
college dormitory...............	64.6	84.1	86.5	86.1	87.2	97.0	66.2	88.3	88.5	87.3	87.8	96.9
fraternity or sorority house....	0.4	2.5	0.1	0.4	0.6	0.1	0.1	0.2	0.0	0.1	0.2	0.0
other campus housing............	2.5	1.3	2.9	1.8	2.3	1.4	2.0	1.0	2.7	1.1	2.5	1.7
other...........................	0.5	0.2	0.2	0.2	0.1	0.0	0.3	0.1	0.2	0.1	0.1	0.0

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1990

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Highest Degreee Planned Anywhere												
none	1.1	0.8	0.5	0.7	0.5	0.3	0.9	0.9	0.5	0.4	0.5	0.1
vocational certificate	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0
associate (AA or equivalent)	0.5	0.3	0.2	0.0	0.1	0.0	0.9	0.4	0.1	0.1	0.1	0.1
bachelor's (BA, BS)	30.0	33.3	14.9	18.7	14.9	5.6	28.0	28.1	13.5	22.2	14.3	6.4
master's (MA, MS)	38.8	40.3	38.8	37.8	42.4	33.5	38.7	41.7	40.8	40.3	42.8	32.4
PhD or EdD	14.8	12.9	21.7	14.9	17.6	26.8	14.5	13.1	20.4	15.2	16.9	24.2
MD, DO, DDS, DVM	8.1	6.4	13.5	15.0	10.2	18.4	9.4	8.2	13.8	11.0	10.9	20.8
LLB or JD (law)	4.9	4.4	9.1	10.6	12.8	14.4	5.9	6.2	9.8	9.1	13.0	14.7
BD or MDiv (divinity)	0.3	0.2	0.4	0.6	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.1
other	1.5	1.3	0.9	1.6	1.2	0.8	1.5	1.2	0.8	1.4	1.2	1.2
Highest Degree Planned at Freshman College												
none	1.9	2.0	1.1	0.9	0.7	0.4	2.0	2.2	1.0	1.0	0.5	0.3
vocational certificate	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.3	0.1	0.2	0.2	0.1
associate (AA or equivalent)	1.8	1.2	0.4	0.4	0.5	0.1	1.8	1.2	0.6	0.6	0.4	0.1
bachelor's (BA, BS)	57.1	67.2	65.1	65.3	64.9	66.7	58.2	68.3	67.5	66.5	69.2	71.7
master's (MA, MS)	26.5	21.9	22.3	22.9	23.0	21.1	24.5	19.7	20.1	21.0	20.4	17.1
PhD or EdD	5.1	2.9	4.0	3.3	3.7	4.6	5.5	3.2	4.2	3.4	2.9	3.5
MD, DO, DDS, DVM	4.3	2.0	4.4	2.9	2.7	3.9	4.4	2.4	3.6	2.8	2.4	4.6
LLB or JD (law)	1.7	1.1	1.9	3.2	3.5	2.6	2.2	1.3	2.2	3.3	2.9	2.0
BD or MDiv (divinity)	0.3	0.1	0.2	0.0	0.1	0.1	0.2	0.1	0.1	0.3	0.2	0.0
other	1.4	1.4	0.7	1.0	0.9	0.5	1.1	1.2	0.7	1.1	0.8	0.5
Reasons Noted as Very Important in Deciding to Go to College												
parents wanted me to go	32.6	30.4	30.1	32.7	30.9	29.1	36.6	34.3	34.7	38.3	36.0	33.2
could not find a job	5.6	4.0	3.7	3.4	3.4	2.0	6.7	5.1	4.1	3.6	3.3	2.2
wanted to get away from home	16.6	15.4	19.3	18.4	18.4	19.0	18.0	18.5	20.3	16.9	18.3	19.6
get a better job	76.9	76.6	70.9	70.6	69.1	66.7	77.8	77.2	70.5	69.6	68.0	64.4
gain general education	55.2	52.8	62.9	61.0	64.4	71.2	69.3	69.1	77.0	77.0	78.2	84.6
improve reading and study skills	36.2	32.7	36.6	40.6	38.5	34.2	46.4	44.6	46.0	47.0	46.2	42.3
nothing better to do	2.9	2.4	4.2	2.5	3.9	4.5	1.8	1.3	2.4	1.0	1.6	2.3
become a more cultured person	34.3	31.8	41.4	43.7	45.1	49.2	47.2	47.1	56.5	57.2	61.3	66.3
make more money	78.6	77.2	69.9	71.5	69.9	61.4	73.4	70.1	60.5	60.4	60.1	49.8
learn more about things	68.6	67.6	73.5	70.8	73.7	79.9	78.5	78.4	83.6	81.7	84.1	88.2
prepare for grad/prof school	51.8	46.8	61.6	61.6	63.6	69.0	61.3	58.4	66.7	64.5	67.9	72.1
Reasons Noted as Very Important or Essential in Career Choice												
job openings regularly available	69.1	70.5	61.5	60.6	59.4	50.0	71.9	72.2	64.9	63.2	60.2	50.5
rapid advancement possible	68.0	67.2	60.8	64.9	64.3	53.3	62.8	59.4	53.3	55.6	56.6	42.7
high anticipated earnings	77.7	76.2	72.1	73.7	74.0	65.6	68.7	65.4	60.4	58.8	61.4	50.3
well-respected/prestigious job	67.2	65.3	63.3	69.3	68.2	62.3	66.6	63.1	59.1	61.6	63.8	55.5
great deal of independence	66.3	66.8	66.4	67.9	69.5	67.0	69.5	66.9	66.9	66.7	71.6	67.2
chance for steady progress	77.6	78.3	76.0	79.2	78.6	73.9	79.6	76.7	76.6	77.0	80.8	74.5
make important contrib to soc	62.3	60.1	64.4	69.6	67.0	72.9	75.5	74.7	77.7	79.8	79.5	82.9
can avoid pressure	34.3	32.9	30.5	31.4	29.6	21.3	35.0	32.8	30.9	27.8	28.1	18.0
can work with ideas	72.2	72.1	72.4	72.2	73.0	74.6	73.3	70.9	72.9	73.1	74.7	75.0
can be helpful to others	68.6	67.3	68.8	75.2	70.4	72.1	85.6	85.9	84.7	87.2	83.6	83.3
able to work with people	65.8	63.4	66.4	75.8	71.5	66.6	83.1	81.9	81.2	86.3	83.0	79.5
intrinsic interest in field	78.4	77.4	80.9	81.3	81.4	86.5	84.9	84.4	86.9	84.4	86.8	91.0
work would be challenging	70.9	68.8	72.4	76.4	76.6	80.3	78.8	76.8	80.4	81.5	83.8	87.1

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1990

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Probable Career Occupation												
accountant or actuary	3.9	5.3	3.5	5.1	4.6	0.8	5.1	5.4	3.3	4.4	4.2	1.3
actor or entertainer	1.0	0.6	1.0	1.1	1.5	1.0	1.1	0.7	1.3	1.8	2.6	1.5
architect or urban planner	5.4	2.8	2.1	0.4	1.8	1.8	1.5	1.5	1.0	0.2	1.3	1.2
artist	1.9	1.6	1.1	0.8	0.4	0.5	2.1	1.8	1.5	1.3	1.0	0.3
business (clerical)	0.4	0.4	0.2	0.5	0.2	0.2	0.9	0.7	0.4	0.5	0.3	0.1
business executive (management)	10.7	10.9	12.2	14.6	16.0	11.3	7.8	7.6	8.3	9.4	9.9	7.4
business owner or proprietor	4.4	3.1	3.3	5.5	5.4	2.7	1.7	1.3	1.1	1.5	2.3	1.1
business salesperson or buyer	1.3	1.2	1.0	1.5	1.1	0.5	1.7	1.2	0.9	1.5	1.1	0.4
clergy (minister,priest)	0.1	0.1	0.1	1.0	0.2	0.1	0.0	0.0	0.0	0.2	0.0	0.0
clergy (other religious)	0.0	0.0	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0
clinical psychologist	0.6	0.6	0.7	0.6	0.6	0.3	2.3	2.3	3.0	3.1	2.2	1.5
college teacher	0.4	0.3	0.9	0.5	0.6	1.4	0.3	0.3	0.6	0.3	0.5	0.8
computer programmer or analyst	1.7	2.8	2.5	1.7	1.0	1.0	1.0	0.9	0.9	0.5	0.6	0.3
conservationist or forester	0.6	1.2	0.5	0.1	0.1	0.2	0.3	0.5	0.4	0.1	0.0	0.2
dentist (including orthodontist)	1.1	0.5	1.2	2.0	0.7	0.2	0.8	0.5	0.5	1.1	0.7	0.1
dietitian or home economist	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	0.3	0.3	0.1	0.0
engineer	20.1	24.0	15.3	10.3	12.6	17.1	4.1	4.5	3.4	2.6	3.2	6.9
farmer or rancher	0.6	2.0	0.1	0.1	0.1	0.0	0.1	0.2	0.0	0.0	0.0	0.0
foreign service worker	0.5	0.4	1.1	0.8	2.0	3.4	1.1	1.3	2.3	1.8	5.0	5.4
homemaker (full-time)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
interior decorator (incl design)	0.1	0.1	0.0	0.1	0.0	0.0	1.2	1.2	0.6	0.6	0.4	0.1
interpreter (translator)	0.1	0.1	0.0	0.0	0.0	0.1	0.3	0.2	0.4	0.2	0.4	0.6
lab technician or hygienist	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.3	0.4	0.0	0.0
law enforcement officer	1.6	1.0	0.5	0.7	0.6	0.1	0.3	0.0	0.1	0.1	0.2	0.1
lawyer (attorney) or judge	5.4	5.1	9.5	11.6	12.9	12.0	6.9	6.2	10.3	9.9	12.2	11.9
military service (career)	1.1	0.9	0.5	1.5	1.0	0.9	0.2	0.1	0.1	0.1	0.1	0.1
musician (performer,composer)	1.7	1.1	1.2	1.4	2.0	1.0	0.9	0.7	0.6	1.2	1.9	1.0
nurse	0.3	0.2	0.1	0.1	0.0	0.0	5.0	4.8	1.7	2.6	1.9	0.6
optometrist	0.4	0.2	0.4	0.2	0.2	0.1	0.3	0.3	0.3	0.3	0.1	0.0
pharmacist	1.9	1.8	1.0	0.6	0.8	0.1	3.0	3.6	2.2	1.0	1.9	0.1
physician	5.4	3.9	10.6	12.2	8.5	15.5	5.9	4.4	10.3	9.1	8.7	16.7
school counselor	0.1	0.1	0.1	0.0	0.1	0.1	0.3	0.4	0.3	0.4	0.2	0.2
school principal/superintendent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
scientific researcher	2.0	2.0	4.1	1.6	2.0	4.9	1.5	1.6	2.8	1.3	1.7	3.9
social,welfare,recreation worker	0.2	0.3	0.2	0.1	0.1	0.1	1.1	1.7	0.9	1.0	0.7	0.5
statistician	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1
therapist (phys,occup,speech)	1.3	2.1	1.2	1.1	0.6	0.2	3.9	5.4	3.3	4.7	1.3	0.7
teacher (elementary)	0.6	0.4	0.2	0.2	0.1	0.0	6.6	5.8	2.7	5.0	1.6	1.2
teacher (secondary)	2.6	2.3	1.7	1.8	1.2	1.1	3.0	3.2	2.9	2.7	1.8	1.6
veterinarian	1.0	1.1	0.4	0.1	0.2	0.2	1.5	2.4	1.1	0.4	0.6	0.7
writer or journalist	1.9	1.8	2.1	2.7	2.9	2.7	3.0	3.1	3.8	4.3	5.8	5.5
skilled trades	0.5	0.6	0.5	0.4	0.4	0.2	0.2	0.1	0.1	0.2	0.1	0.1
other career	7.7	6.6	5.3	6.4	5.7	3.6	9.9	8.5	7.5	8.0	6.9	4.9
undecided	9.0	10.2	13.3	10.2	11.1	14.4	12.2	13.9	18.0	15.4	16.6	20.8
Twin Status												
no	98.2	98.6	98.5	98.1	98.4	98.4	98.3	98.3	98.2	98.2	98.4	98.9
yes-identical	0.7	0.5	0.6	0.4	0.5	0.6	0.5	0.6	0.7	0.6	0.5	0.3
yes-fraternal	1.1	0.8	0.9	1.4	1.1	1.0	1.2	1.1	1.1	1.2	1.2	0.8

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1990

	MEN						WOMEN					
	Public Universities Selectivity Levels			Private Universities Selectivity Levels			Public Universities Selectivity Levels			Private Universities Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
PROBABLE MAJOR FIELD OF STUDY												
ARTS AND HUMANITIES												
art, fine and applied...........	2.5	1.6	1.2	1.1	0.6	0.5	3.4	2.6	2.5	2.0	1.6	0.5
English (language & literature).	0.6	1.0	2.0	1.3	2.1	2.4	1.1	2.0	3.7	2.0	2.8	4.3
history........................	0.9	1.2	2.4	1.3	2.2	2.8	0.4	0.6	1.3	0.9	1.3	2.3
journalism.....................	1.5	1.4	1.0	1.7	1.9	1.3	2.8	2.4	2.0	3.0	4.1	3.1
language/literature (ex English)	0.2	0.3	0.5	0.2	0.3	1.1	0.8	1.0	1.7	0.7	1.8	2.4
music..........................	1.4	0.9	0.8	1.2	1.8	1.1	1.0	0.8	0.7	1.4	2.1	1.4
philosophy.....................	0.2	0.3	0.7	0.3	0.8	0.9	0.1	0.2	0.3	0.1	0.3	0.4
speech.........................	0.1	0.1	0.1	0.2	0.0	0.0	0.2	0.2	0.2	0.5	0.1	0.2
theater or drama...............	0.6	0.4	0.8	0.6	0.9	0.7	0.8	0.6	1.0	1.1	2.0	1.4
theology or religion...........	0.0	0.0	0.1	0.6	0.1	0.2	0.0	0.0	0.0	0.2	0.1	0.1
other arts and humanities.......	0.7	0.5	0.6	0.3	0.8	0.6	1.3	1.1	1.0	0.9	1.1	0.9
BIOLOGICAL SCIENCES												
biology (general)...............	1.4	1.7	5.1	3.9	3.6	4.5	1.7	2.2	4.8	3.5	4.0	5.9
biochemistry or biophysics......	0.4	0.7	1.8	0.9	0.8	2.1	0.3	0.5	1.4	0.5	0.7	1.8
botany.........................	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
marine (life) science...........	0.6	0.4	0.8	1.1	0.3	0.3	0.5	0.5	1.1	1.2	0.4	0.6
microbiology or bacteriology....	0.2	0.2	0.5	0.1	0.2	0.3	0.3	0.2	0.5	0.1	0.2	0.4
zoology........................	0.4	0.3	1.0	0.1	0.2	0.2	0.3	0.5	1.0	0.1	0.2	0.4
other biological sciences.......	0.4	1.0	0.8	0.2	0.4	0.7	0.5	0.6	0.8	0.3	0.4	1.0
BUSINESS												
accounting.....................	4.6	5.7	3.4	5.8	5.0	1.0	5.6	5.6	3.3	5.0	4.2	1.3
business admin (general)........	6.3	5.0	6.5	10.1	8.4	4.0	4.4	3.4	3.4	5.8	4.9	2.3
finance........................	3.2	3.3	3.4	5.1	5.9	2.9	1.1	1.2	1.4	1.4	2.2	1.1
marketing......................	3.5	3.2	2.8	4.3	3.6	1.0	3.3	2.8	2.5	3.9	3.3	1.3
management.....................	3.6	3.9	3.6	4.2	3.6	1.9	2.3	2.9	2.2	2.0	2.1	1.2
secretarial studies.............	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
other business..................	2.1	1.0	1.3	2.5	2.9	1.4	1.7	1.1	1.1	1.9	2.3	1.2
EDUCATION												
business education..............	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.2	0.1	0.1
elementary education............	0.5	0.3	0.0	0.1	0.1	0.0	6.0	5.0	2.4	4.7	1.4	0.8
music or art education..........	0.4	0.2	0.1	0.3	0.1	0.0	0.6	0.4	0.3	0.7	0.4	0.1
physical education or recreation	0.6	0.6	0.3	0.3	0.1	0.0	0.4	0.4	0.3	0.2	0.1	0.0
secondary education.............	1.6	1.3	0.9	0.7	0.5	0.3	2.1	2.0	1.6	1.6	0.8	0.6
special education...............	0.1	0.1	0.0	0.0	0.0	0.0	1.0	0.8	0.3	0.5	0.2	0.4
other education.................	0.2	0.1	0.0	0.0	0.0	0.0	0.3	0.6	0.3	0.2	0.1	0.4
ENGINEERING												
aeronautical/astronautical eng..	3.7	3.3	2.3	0.5	1.8	2.2	0.7	0.7	0.4	0.1	0.4	0.4
civil engineering...............	2.3	3.4	1.8	1.7	2.5	2.2	0.4	0.5	0.5	0.4	0.7	0.7
chemical engineering............	2.1	2.0	1.3	0.1	1.2	2.4	0.9	0.8	0.5	0.2	0.4	1.4
electrical engineering..........	5.4	6.1	4.8	4.0	3.6	5.6	0.7	0.6	0.7	0.6	0.7	1.4
industrial engineering..........	0.6	0.8	0.2	0.5	0.2	0.4	0.3	0.3	0.1	0.2	0.1	0.3
mechanical engineering..........	5.6	7.9	3.2	3.2	3.4	5.0	0.5	0.6	0.3	0.3	0.4	0.7
other engineering...............	3.0	3.3	1.9	1.5	1.5	4.8	1.0	1.1	0.7	1.0	1.0	3.4

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WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1990

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
PROBABLE MAJOR FIELD OF STUDY												
PHYSICAL SCIENCES												
astronomy	0.3	0.2	0.4	0.1	0.3	0.2	0.1	0.1	0.2	0.0	0.3	0.1
atmospheric science	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
chemistry	0.6	0.8	1.7	1.0	1.1	1.6	0.4	0.5	1.2	0.4	0.6	1.3
earth science	0.2	0.3	0.5	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.0	0.3
marine science	0.2	0.1	0.2	0.2	0.0	0.1	0.2	0.1	0.3	0.3	0.1	0.1
mathematics	0.3	0.9	1.3	0.6	0.9	1.7	0.3	0.7	1.3	0.7	0.8	1.8
physics	0.6	0.9	1.8	0.8	1.0	3.1	0.1	0.1	0.3	0.1	0.2	0.5
statistics	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
other physical sciences	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1
PROFESSIONAL												
architecture or urban planning	5.0	2.2	1.5	0.1	1.8	1.5	1.6	1.3	0.8	0.1	1.1	1.2
home economics	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	0.2	0.6	0.0	0.0
health technology (med,dent,lab)	0.8	0.3	0.7	1.4	0.7	0.6	1.0	0.8	0.9	1.1	0.5	0.6
library or archival science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	0.3	0.3	0.0	0.2	0.0	0.0	5.5	5.1	1.7	2.8	1.9	0.7
pharmacy	1.9	1.7	0.7	0.5	0.8	0.0	2.9	3.7	1.9	0.9	1.8	0.1
predent, premed, prevet	5.1	3.6	5.5	9.3	4.3	7.8	6.1	4.6	6.1	7.1	5.5	8.6
therapy (occup,phys,speech)	1.5	2.1	0.9	1.2	0.4	0.2	3.4	5.2	2.5	4.2	0.7	0.4
other professional	1.2	1.0	0.8	1.8	1.2	0.7	1.5	1.5	1.0	1.6	1.4	1.0
SOCIAL SCIENCES												
anthropology	0.2	0.2	0.3	0.1	0.3	0.3	0.3	0.3	0.5	0.2	0.4	0.8
economics	0.3	0.7	2.0	0.9	1.5	3.7	0.1	0.2	1.0	0.2	0.7	1.7
ethnic studies	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1
geography	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
political science	2.5	2.7	6.1	5.4	9.4	10.9	3.4	3.4	7.4	4.9	10.6	12.0
psychology	1.6	1.7	2.3	1.9	1.9	1.4	5.6	6.6	7.5	6.5	5.6	5.2
social work	0.1	0.2	0.0	0.1	0.1	0.0	0.7	1.0	0.5	0.7	0.4	0.2
sociology	0.2	0.3	0.3	0.1	0.1	0.1	0.4	0.6	0.7	0.5	0.4	0.4
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
other social sciences	0.2	0.1	0.2	0.0	0.1	0.4	0.3	0.2	0.4	0.2	0.2	0.5
TECHNICAL												
building trades	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
data processing or computer prog	0.4	0.9	0.6	0.5	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
drafting or design	0.2	0.3	0.1	0.1	0.0	0.0	0.3	0.3	0.1	0.1	0.0	0.0
electronics	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mechanics	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other technical	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
OTHER FIELDS												
agriculture	1.6	3.0	0.1	0.0	0.0	0.0	0.8	1.1	0.0	0.0	0.0	0.0
communications	2.0	1.3	1.6	4.1	3.6	1.1	3.0	2.2	2.8	5.2	5.1	2.3
computer science	1.2	1.9	2.2	1.8	0.9	1.1	0.8	1.0	0.7	0.5	0.6	0.3
forestry	0.3	0.7	0.2	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0
law enforcement	1.8	1.0	0.4	1.0	0.5	0.0	0.8	0.4	0.2	0.4	0.3	0.1
military science	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
other field	1.1	0.8	0.6	0.4	0.6	0.3	1.6	1.6	1.0	1.1	1.1	0.7
undecided	6.0	5.6	8.0	6.0	6.1	7.6	8.3	8.1	11.5	9.7	9.9	12.3

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	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Father's Education												
grammar school or less..........	2.6	2.3	2.9	2.5	2.7	1.5	2.8	3.0	3.5	3.2	2.5	1.5
some high school................	4.3	4.2	3.6	3.3	2.2	1.3	5.2	4.5	4.1	3.2	2.8	1.8
high school graduate............	23.4	23.6	12.9	11.6	11.2	6.2	25.3	24.8	13.7	11.2	10.9	5.7
postsecondary other than college	4.2	5.8	3.2	3.1	2.5	1.7	4.8	5.8	3.7	3.5	3.7	1.9
some college....................	16.6	14.7	12.2	14.2	11.8	7.7	16.6	14.9	12.4	15.7	12.3	8.3
college degree..................	25.1	26.0	26.8	28.4	26.9	22.9	23.3	24.5	26.5	27.6	25.7	22.5
some graduate school............	2.6	3.2	4.5	4.0	4.8	5.2	2.6	2.9	4.2	3.5	5.0	5.0
graduate degree.................	21.1	20.2	33.8	33.0	37.9	53.4	19.4	19.6	31.9	32.2	37.1	53.3
Father's Occupation (5)												
artist (including performer)....	0.7	0.9	1.3	0.7	0.8	1.0	0.8	0.7	1.2	0.7	1.0	1.1
business........................	31.9	32.5	34.2	41.7	42.8	35.6	30.0	29.9	31.9	38.2	38.4	35.1
clergy or religious worker......	0.7	0.6	0.6	1.2	0.7	0.7	0.5	0.5	0.6	1.4	0.9	0.7
college teacher or administrator	0.9	0.7	2.1	0.9	1.2	3.0	0.8	0.8	1.7	1.2	1.5	3.0
doctor or dentist...............	2.6	2.5	4.9	6.8	7.3	12.5	2.5	2.3	4.6	5.8	7.6	12.9
education (secondary)...........	4.0	3.8	4.6	3.0	4.0	4.1	3.5	4.0	4.4	3.3	3.8	3.3
education (elementary)..........	1.1	1.0	1.1	0.8	1.0	0.9	0.8	0.9	1.0	0.6	0.7	0.6
engineer........................	10.0	8.7	10.5	8.4	7.7	9.5	9.0	8.9	10.2	9.6	8.9	9.0
farmer or forester..............	2.4	7.1	0.7	1.4	0.9	0.5	1.9	5.9	0.7	1.5	1.1	0.8
health professional (non-M.D.)..	1.6	1.6	1.8	1.1	1.3	1.4	1.5	1.4	1.4	0.9	1.0	1.1
lawyer..........................	2.1	1.8	3.3	4.9	5.1	7.7	1.8	1.9	3.7	4.2	5.4	8.3
military (career)...............	1.7	1.2	1.4	1.6	1.0	1.7	1.8	1.1	1.8	1.9	1.5	1.1
research scientist..............	0.7	0.7	1.5	0.6	1.0	2.0	0.5	0.6	1.0	0.6	0.8	1.6
skilled worker..................	9.8	9.7	6.4	5.6	4.7	3.3	9.6	8.0	6.2	5.4	4.9	3.3
semi-skilled worker.............	4.1	3.8	2.8	2.1	1.9	1.4	4.0	3.9	2.6	1.6	1.6	1.3
laborer (unskilled).............	2.7	2.5	1.5	1.5	1.1	0.8	3.2	2.4	1.7	1.3	1.0	0.8
unemployed......................	1.9	1.3	1.5	1.6	1.5	1.1	2.3	2.0	2.2	1.8	1.6	1.4
other...........................	21.1	19.6	19.9	16.1	16.1	12.8	25.3	24.8	23.1	19.9	18.5	14.6
Father's Religious Preference												
Baptist.........................	14.0	4.5	6.8	16.8	5.6	5.8	14.8	5.6	9.2	17.1	5.7	5.9
Buddhist........................	0.5	0.7	2.4	0.8	1.5	1.6	0.4	0.5	2.3	1.0	1.6	1.3
Congregational..................	1.0	2.1	1.3	0.8	1.0	1.0	0.9	2.4	1.1	0.7	1.2	0.9
Eastern Orthodox................	0.8	1.1	1.1	1.3	1.4	1.0	0.9	1.0	1.0	1.3	1.3	0.8
Episcopal.......................	2.3	2.1	3.8	2.4	3.0	4.4	2.4	1.9	3.5	2.6	3.3	5.2
Islamic.........................	0.4	0.5	0.9	0.5	0.8	1.0	0.4	0.1	0.7	0.5	0.9	0.9
Jewish..........................	3.6	5.6	9.4	1.5	8.9	12.3	3.8	4.9	8.3	1.2	7.7	13.0
LDS (Mormon)....................	0.7	0.2	0.4	0.2	0.3	0.3	0.5	0.1	0.2	0.2	0.3	0.2
Lutheran........................	7.0	12.7	3.6	5.7	3.5	3.5	7.0	12.0	3.7	4.9	4.3	3.9
Methodist.......................	11.8	7.6	6.8	7.1	7.2	6.5	11.2	8.4	7.6	8.4	7.4	6.2
Presbyterian....................	6.1	4.5	5.9	4.3	5.4	6.2	5.5	4.4	6.2	5.0	6.1	6.7
Quaker..........................	0.3	0.2	0.3	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
Roman Catholic..................	29.1	41.0	34.0	42.9	44.5	36.9	30.5	41.3	33.5	40.9	42.9	34.5
Seventh Day Adventist...........	0.3	0.3	0.3	0.1	0.3	0.2	0.2	0.3	0.3	0.2	0.1	0.3
other Protestant................	5.5	4.4	4.2	5.0	3.9	3.8	4.7	4.2	4.2	4.7	3.4	3.4
other religion..................	4.6	2.7	3.9	2.8	2.8	3.6	5.1	3.3	4.2	3.5	3.3	3.8
none............................	12.0	9.7	15.0	7.8	9.7	11.7	11.4	9.2	13.9	7.5	10.4	12.7

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1990

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Mother's Education												
grammar school or less..........	2.3	1.8	3.1	2.2	2.5	1.5	2.4	2.4	3.8	3.0	2.7	1.3
some high school................	3.5	2.8	3.5	2.7	2.3	1.2	4.1	3.6	3.5	2.9	2.2	1.5
high school graduate............	31.7	31.8	20.6	18.4	17.7	11.2	33.0	31.6	19.9	17.4	16.1	9.5
postsecondary other than college	6.9	8.4	6.3	5.5	5.8	4.3	7.4	9.5	6.9	6.2	6.7	4.6
some college....................	18.8	16.2	15.5	19.6	17.6	13.6	20.1	17.8	16.3	20.2	17.7	14.5
college degree..................	22.6	24.7	28.6	29.8	29.9	34.4	20.0	21.9	28.3	29.6	29.3	34.2
some graduate school............	3.1	3.5	5.0	5.0	5.7	7.0	2.9	3.1	4.9	5.0	5.6	7.1
graduate degree.................	11.1	10.9	17.5	16.7	18.4	26.7	10.1	10.1	16.4	15.7	19.7	27.3
Mother's Career (5)												
artist (including performer)....	1.6	1.4	2.2	2.4	2.8	2.7	1.7	1.9	2.0	2.1	2.8	3.1
business........................	14.4	13.6	14.6	14.4	15.5	14.3	15.3	14.3	14.2	15.0	16.1	15.0
business (clerical).............	9.7	10.7	7.7	8.0	8.2	6.7	10.1	11.0	8.6	9.0	7.4	5.3
clergy or religious worker......	0.1	0.2	0.1	0.2	0.3	0.2	0.2	0.0	0.1	0.2	0.2	0.2
college teacher or administrator	0.4	0.5	0.7	0.8	0.7	1.4	0.4	0.4	0.7	0.7	0.9	1.7
doctor or dentist...............	0.6	0.4	1.0	1.1	1.0	2.4	0.4	0.5	0.7	0.6	1.1	2.1
education (secondary)...........	5.0	4.3	6.2	5.7	6.2	6.8	4.2	3.5	6.0	5.6	5.4	7.0
education (elementary)..........	8.0	7.2	9.9	9.8	9.7	10.0	6.9	6.6	9.0	10.1	8.8	9.3
engineer........................	0.3	0.2	0.4	0.3	0.2	0.4	0.3	0.1	0.3	0.1	0.2	0.4
farmer or forester..............	0.4	1.2	0.1	0.1	0.2	0.2	0.3	0.5	0.1	0.1	0.1	0.2
health professional (non-M.D.)..	2.1	2.4	2.5	2.2	2.4	2.7	2.2	2.4	2.7	2.4	2.2	3.0
homemaker (full-time)...........	14.3	14.9	14.8	17.5	18.4	21.5	14.5	15.7	14.8	20.3	19.0	20.6
lawyer..........................	0.4	0.3	0.7	0.5	0.5	1.2	0.2	0.2	0.5	0.4	0.6	1.3
nurse...........................	7.8	8.4	7.3	8.2	6.8	6.2	7.6	8.2	7.5	7.4	7.2	6.4
research scientist..............	0.2	0.3	0.3	0.2	0.5	0.5	0.2	0.1	0.3	0.0	0.3	0.7
social/welfare/recreation worker	1.5	1.9	1.9	1.3	1.7	1.8	1.3	1.4	1.7	1.0	1.8	1.8
skilled worker..................	2.6	2.5	2.1	1.4	1.3	1.2	2.0	1.6	1.9	1.3	1.3	0.9
semi-skilled worker.............	2.9	3.2	2.7	1.9	1.2	1.4	2.2	2.5	2.1	1.1	1.1	0.9
laborer (unskilled).............	1.8	1.7	1.4	0.9	0.8	0.7	1.9	1.6	1.5	1.0	0.7	0.4
unemployed......................	6.5	4.9	5.4	6.6	5.7	4.6	5.0	4.3	4.6	4.5	4.6	3.9
other...........................	19.5	19.8	17.9	16.4	15.9	13.3	23.1	23.1	20.7	17.0	18.1	15.8
Mother's Religious Preference												
Baptist.........................	14.5	4.8	7.1	17.5	6.0	6.0	15.6	6.2	9.4	17.6	6.3	6.5
Buddhist........................	0.5	0.7	2.7	1.1	1.5	1.6	0.5	0.6	2.7	1.0	1.8	1.4
Congregational..................	1.1	2.3	1.4	0.8	1.1	1.1	1.2	2.6	1.3	0.8	1.3	1.3
Eastern Orthodox................	0.8	1.0	1.0	1.2	1.2	0.7	0.8	1.0	1.0	1.1	1.1	0.9
Episcopal.......................	2.6	2.2	3.9	2.8	3.8	5.1	2.6	2.5	4.1	2.6	3.7	5.7
Islamic.........................	0.3	0.5	0.8	0.6	0.6	0.9	0.3	0.1	0.6	0.5	0.7	0.7
Jewish..........................	3.4	5.4	9.2	1.3	8.2	12.1	3.5	4.6	8.0	1.0	7.0	12.3
LDS (Mormon)....................	0.8	0.2	0.4	0.2	0.3	0.3	0.6	0.2	0.2	0.3	0.3	0.3
Lutheran........................	7.2	12.6	3.8	5.7	3.5	4.1	7.4	11.9	3.8	4.9	4.5	3.7
Methodist.......................	12.6	7.9	7.4	6.8	7.4	7.1	12.4	8.9	8.2	8.4	8.2	6.5
Presbyterian....................	6.4	4.6	6.4	4.6	6.0	6.8	5.7	4.7	6.7	5.2	7.0	7.3
Quaker..........................	0.3	0.3	0.3	0.1	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.1
Roman Catholic..................	30.8	43.0	36.0	44.5	46.6	38.5	31.4	43.0	35.4	43.1	44.6	37.3
Seventh Day Adventist...........	0.4	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.3
other Protestant................	5.6	4.6	4.5	4.8	4.2	4.0	4.9	4.1	4.2	4.9	3.4	4.0
other religion..................	4.8	3.1	4.0	2.7	2.7	3.8	6.1	3.7	4.4	4.0	3.4	4.0
none............................	7.9	6.5	10.7	5.0	6.1	7.3	6.4	5.5	9.3	4.3	6.2	7.6

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1990

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Reasons Noted as Very Important in Selecting This College												
relatives wanted me to come.....	7.7	5.6	6.3	7.0	6.4	7.4	9.0	7.1	9.3	8.3	7.6	8.9
advice of teacher...............	2.9	2.6	3.1	2.6	3.8	3.9	2.7	2.7	3.5	2.8	3.4	3.9
good academic reputation........	45.7	55.9	69.4	68.9	72.3	87.4	54.0	61.3	76.1	73.9	75.4	87.8
good social reputation..........	29.5	29.0	34.5	30.0	29.9	30.9	28.3	27.7	30.1	28.3	27.7	26.2
offered financial assistance....	17.9	13.5	12.8	27.3	33.4	27.7	21.0	17.7	15.2	29.2	35.5	30.4
offers special programs.........	16.2	13.1	14.8	16.5	19.3	18.7	24.0	21.2	23.4	24.7	28.7	28.3
low tuition.....................	24.6	22.3	34.2	4.1	2.3	1.4	25.2	26.3	33.8	4.4	2.9	1.4
advice of guidance counselor....	5.2	5.2	5.9	4.6	6.2	5.2	4.9	5.7	5.9	4.5	4.5	4.3
wanted to live near home........	15.2	12.8	9.3	9.4	7.8	4.1	20.8	17.6	12.5	13.5	9.7	4.6
friend suggested attending.......	8.0	7.5	5.7	8.2	6.3	4.3	8.5	7.9	5.4	7.3	5.8	3.9
recruited by college rep........	2.7	1.8	2.2	3.4	4.9	2.4	2.1	1.7	1.5	2.9	3.0	1.6
recruited by athletic department	3.6	4.1	4.4	4.9	8.1	5.0	1.3	2.2	2.3	1.8	2.6	2.8
graduates go to top grad schools	19.7	19.6	35.0	35.4	38.4	56.2	25.2	25.7	40.6	36.0	42.0	56.3
graduates get good jobs.........	40.1	42.4	47.8	53.3	56.0	63.3	44.1	46.3	52.1	54.4	56.9	60.0
religious affiliation of college	1.7	1.3	1.4	14.7	5.0	6.8	1.5	0.9	1.7	21.8	6.5	7.8
size of college.................	19.2	19.6	19.1	49.0	38.3	31.9	23.8	25.8	23.3	56.6	45.1	40.6
Students Estimate Chances Are Very Good That They Will												
change major field..............	13.9	14.7	18.2	14.1	14.4	18.6	16.5	18.8	23.2	17.7	17.9	23.3
change career choice............	12.1	13.0	16.5	13.7	13.8	19.9	15.8	18.0	22.2	17.5	19.4	25.0
fail one or more courses........	2.0	1.4	1.6	1.0	1.5	1.1	1.0	1.0	1.2	0.5	1.0	1.1
graduate with honors............	15.7	11.9	18.7	18.2	21.1	26.9	14.4	10.4	14.9	14.9	17.8	20.1
be elected to student office....	3.1	2.4	3.5	5.4	5.0	5.4	3.4	2.6	3.4	4.4	4.9	5.9
get job to pay expenses.........	36.5	34.8	32.4	33.1	30.5	37.2	44.0	43.8	38.3	39.4	37.8	45.7
work full-time while attending..	3.6	1.9	2.0	2.0	1.8	0.9	4.8	1.9	1.7	1.9	1.7	1.1
join social frat or sorority....	18.0	17.4	19.3	23.1	25.7	24.2	26.2	20.2	26.0	34.0	31.9	32.6
play varsity athletics..........	12.9	14.7	15.5	16.6	19.3	17.0	7.0	8.8	9.8	8.4	10.6	12.5
be elected to an honor society..	9.1	7.0	11.2	12.4	13.1	18.0	10.6	6.8	10.8	12.1	13.3	17.0
make at least "B" average.......	45.2	42.2	54.9	57.8	57.5	64.5	45.8	41.7	49.0	55.2	54.6	57.0
need extra time for degree......	12.4	8.8	8.1	7.5	5.9	3.7	13.0	9.7	9.2	8.4	6.3	3.6
get tutoring in some courses....	11.2	10.5	12.7	12.2	9.4	10.5	18.7	17.2	19.2	16.2	13.8	17.9
work at outside job.............	20.3	14.5	13.1	15.6	11.3	8.8	27.7	21.3	17.5	19.5	14.6	15.1
seek vocational counseling......	3.9	3.5	6.4	5.2	5.3	8.8	5.7	5.2	10.6	7.2	8.1	13.5
seek individual counseling......	3.0	2.6	3.3	3.5	3.1	3.1	4.1	4.1	5.1	4.1	3.7	4.1
get bachelor's degree...........	75.6	76.5	81.5	80.3	78.8	88.5	77.3	79.6	84.9	82.9	84.1	90.0
participate in student protests.	5.6	5.4	9.7	5.5	8.0	9.3	9.1	9.4	14.6	7.5	12.6	17.4
drop out temporarily............	1.2	0.7	1.3	0.8	1.0	0.8	0.6	0.5	0.9	0.5	0.7	0.6
drop out permanently............	0.9	0.6	0.8	0.6	0.7	0.5	0.5	0.3	0.5	0.2	0.4	0.3
transfer to another college.....	5.8	6.3	4.9	4.3	3.3	1.9	7.1	7.1	5.5	4.4	3.5	2.6
be satisfied with college.......	48.3	46.1	53.8	59.1	59.2	73.6	55.9	54.4	61.4	68.8	67.7	76.4
find job in own field...........	72.9	69.0	65.4	74.7	69.1	69.0	78.3	72.8	68.9	78.1	73.9	69.4
marry while in college..........	4.4	3.4	2.7	3.0	2.6	1.6	7.4	5.3	3.5	4.2	2.4	1.6
participate in volunteer/com svc	8.5	7.1	13.6	14.3	15.0	23.9	18.7	16.4	28.4	28.2	31.7	47.2

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1990

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
SOURCES FOR EDUCATIONAL EXPENSES												
Received Any Aid From												
parents or family...............	84.2	84.0	87.3	90.1	89.7	91.4	85.5	85.7	87.2	92.1	91.0	93.0
spouse..........................	0.8	0.5	0.5	0.4	0.6	0.4	0.6	0.4	0.1	0.3	0.3	0.1
savings from summer work........	63.8	71.1	62.7	61.4	59.7	62.5	63.9	72.8	62.0	58.2	58.2	60.4
other savings...................	35.6	42.5	34.6	37.2	33.8	40.0	36.3	44.6	34.1	38.0	36.2	39.0
part-time job on campus.........	17.3	22.3	20.7	26.7	25.5	30.2	21.6	28.6	23.4	28.1	29.8	32.5
part-time job off campus........	24.6	20.2	13.6	16.7	12.3	4.9	26.0	20.2	12.4	16.0	11.3	6.0
full-time job while at college..	2.6	1.3	0.9	1.0	1.0	0.4	2.7	1.5	0.8	0.7	0.6	0.2
Pell Grant......................	14.2	15.3	11.9	15.1	13.9	10.8	16.9	16.4	13.1	15.1	15.6	11.9
Supp Educational Oppty Grant....	4.1	5.6	4.7	10.0	8.2	7.7	4.7	7.0	4.9	10.0	9.1	8.8
state scholarship or grant......	11.5	13.3	21.6	15.8	15.2	11.1	12.4	15.1	20.4	16.3	16.6	11.6
College Work-Study Grant........	5.9	8.0	7.7	15.7	16.7	18.7	7.6	10.0	9.2	18.0	19.9	22.2
other college grant.............	16.4	16.2	16.0	35.6	39.0	36.1	19.6	18.2	17.9	37.7	41.5	36.9
other private grant.............	8.5	10.4	13.4	14.0	13.9	22.0	8.8	10.1	15.1	15.5	15.2	22.2
other govt aid (ROTC,BIA,GI,etc)	3.1	3.1	1.9	3.1	2.6	5.8	1.5	1.2	0.9	1.5	1.1	1.5
Stafford/Guaranteed Student Loan	14.4	21.4	12.2	23.3	28.0	27.2	15.1	22.1	11.3	23.8	29.2	28.8
Perkins Loan....................	5.9	6.6	6.2	8.5	11.2	15.5	6.3	7.6	6.5	8.0	12.6	16.6
other college loan..............	4.9	7.6	4.2	7.2	7.5	8.0	4.6	7.3	4.1	7.5	7.3	8.0
other loan......................	5.5	7.2	4.1	5.5	5.7	5.3	5.8	8.6	4.8	6.3	6.9	6.3
other...........................	2.8	3.2	2.2	3.1	2.7	2.6	3.4	4.1	3.2	3.9	3.7	3.8
Received $1,500 or More From												
parents or family...............	61.9	65.6	72.7	77.6	78.9	84.0	61.8	66.5	71.8	79.2	80.5	85.3
spouse..........................	0.3	0.3	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.0	0.2	0.0
savings from summer work........	12.7	16.9	11.7	12.3	14.0	14.4	7.5	11.3	8.3	7.5	8.8	10.2
other savings...................	7.4	10.2	7.9	9.3	9.9	13.0	6.4	9.5	7.7	10.3	9.8	12.2
part-time job on campus.........	1.5	1.7	1.8	4.6	4.2	7.2	1.3	1.6	1.6	4.0	4.9	7.6
part-time job off campus........	2.2	1.4	1.2	2.2	1.8	0.6	1.7	1.1	0.8	1.5	1.1	0.6
full-time job while at college..	0.8	0.5	0.4	0.3	0.3	0.2	0.8	0.4	0.2	0.2	0.2	0.1
Pell Grant......................	5.5	5.3	4.4	6.6	6.6	4.9	6.3	6.2	4.5	6.6	6.6	5.1
Supp Educational Oppty Grant....	0.6	1.2	1.0	2.9	3.2	4.1	0.7	1.2	0.9	2.8	2.9	4.2
state scholarship or grant......	3.0	3.0	4.1	7.7	6.7	6.3	2.9	3.4	3.8	7.5	7.2	6.0
College Work-Study Grant........	1.6	1.2	1.9	5.1	4.7	6.9	2.0	1.7	2.2	5.5	5.7	7.5
other college grant.............	7.5	5.2	6.2	21.4	33.6	31.4	8.3	5.8	6.6	21.8	35.5	32.3
other private grant.............	1.9	2.0	3.5	4.5	6.2	11.4	2.0	2.1	3.9	4.9	6.2	10.4
other govt aid (ROTC,BIA,GI,etc)	1.9	2.3	1.2	2.5	2.1	5.4	0.8	0.7	0.5	1.1	0.7	1.2
Stafford/Guaranteed Student Loan	8.4	12.7	6.7	16.3	20.9	20.8	9.1	12.8	6.1	17.2	21.7	20.7
Perkins Loan....................	1.5	1.5	1.8	3.9	4.1	6.6	1.2	2.0	1.5	3.3	5.1	6.6
other college loan..............	2.6	4.5	2.5	4.9	5.7	6.5	2.4	4.0	2.3	5.2	5.2	6.0
other loan......................	3.1	4.3	2.6	4.2	4.3	4.5	3.1	5.1	2.9	4.9	5.4	5.5
other...........................	1.1	1.5	0.9	1.7	2.0	1.8	1.3	1.6	1.2	2.2	2.3	2.3

WEIGHTED NATIONAL NORMS FOR ALL UNIVERSITIES, FALL 1990

	MEN						WOMEN					
	Public Universities			Private Universities			Public Universities			Private Universities		
	Selectivity Levels			Selectivity Levels			Selectivity Levels			Selectivity Levels		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Objectives Considered to Be Essential or Very Important												
achieve in a in performing art..	11.0	9.3	10.4	9.9	11.8	11.6	11.7	9.5	13.1	12.9	15.3	15.7
become authority in my own field	70.7	65.9	66.8	70.6	70.7	68.5	69.8	65.1	64.7	66.6	67.6	67.8
obtain recog from colleagues....	60.8	57.4	56.5	59.6	61.5	56.2	59.4	57.7	54.7	54.3	58.1	54.1
influence political structure...	22.9	19.6	25.3	27.2	30.3	28.9	20.4	17.9	23.5	22.2	26.1	25.7
influence social values.........	35.7	32.9	36.8	45.6	41.7	39.2	48.4	47.5	49.3	53.9	50.6	48.9
raise a family..................	67.5	69.0	70.7	76.1	74.4	75.0	68.5	70.2	70.7	74.5	71.0	73.9
have admin responsibility.......	45.5	41.6	40.4	48.3	48.3	38.6	45.9	40.0	36.7	41.5	39.7	30.7
be very well off financially....	80.3	78.8	75.4	76.6	76.9	69.5	74.1	70.1	66.2	66.2	67.2	57.1
help others in difficulty.......	50.0	47.2	52.2	59.1	54.3	57.7	71.2	69.5	71.0	72.7	68.6	72.3
theoretical contrib to science..	24.6	24.5	26.9	22.3	20.4	27.3	18.4	16.2	18.3	15.0	14.6	20.3
write original works............	13.7	11.9	15.2	12.2	14.9	17.5	12.6	12.1	15.2	12.6	15.2	18.0
create artistic work............	14.6	11.1	12.5	9.9	11.7	10.2	13.7	12.7	13.5	10.2	11.7	11.4
be successful in own business...	49.4	46.1	44.0	49.2	47.6	37.2	41.8	37.4	34.5	35.8	37.6	28.2
be involved in environ cleanup..	33.8	34.5	37.3	34.3	34.7	36.7	35.3	37.9	44.0	38.0	41.6	48.0
develop philosophy of life......	43.6	41.0	49.9	50.4	49.7	58.1	47.0	44.1	52.7	51.1	52.5	62.4
participate in community action.	21.6	18.9	23.2	25.9	25.5	26.8	30.5	27.3	35.9	37.7	36.9	42.9
promote racial understanding....	33.3	32.8	41.3	39.2	40.6	44.8	41.5	41.8	52.8	45.8	49.2	58.8
keep up to date with politics...	47.4	44.3	56.5	59.6	61.3	65.3	42.1	39.5	55.7	51.4	58.7	66.5
Political Views												
far left........................	2.0	2.1	2.6	1.5	1.6	2.1	1.4	1.3	1.4	0.8	0.8	1.2
liberal.........................	21.0	23.1	25.8	18.5	22.5	25.6	27.0	30.9	34.3	23.3	30.3	37.3
middle of the road..............	48.3	50.8	44.2	44.0	41.8	37.8	54.9	55.2	49.0	50.8	50.2	43.7
conservative....................	26.8	22.8	25.6	33.2	31.6	32.4	16.1	12.4	14.8	24.3	18.2	17.1
far right.......................	1.8	1.4	1.8	2.8	2.6	2.1	0.5	0.3	0.4	0.9	0.5	0.6
Agrees Strongly or Somewhat												
govt not protecting consumer....	62.2	64.1	61.7	57.7	58.5	54.3	70.3	72.6	70.9	67.3	68.6	65.6
govt not controlling pollution..	86.8	88.9	89.4	86.8	88.2	90.5	89.7	91.4	92.4	89.2	92.3	94.2
raise taxes to reduce deficit...	38.3	39.3	46.0	39.0	43.0	49.9	28.4	27.1	36.6	30.9	33.5	41.0
too much concern for criminals..	69.2	68.2	65.1	70.9	66.2	60.6	64.1	62.6	59.0	64.0	61.3	53.8
increase fed military spending..	24.1	18.5	18.1	23.7	22.4	17.2	17.5	12.5	12.0	14.9	11.6	8.9
abortion should be legal........	65.9	69.4	74.4	55.7	66.0	66.4	69.6	73.7	77.5	58.0	71.3	75.2
abolish death penalty...........	16.5	16.8	23.9	18.4	22.5	27.4	21.9	24.2	32.3	23.8	29.8	36.2
sex OK if people like each other	66.2	69.9	71.3	50.8	65.6	60.7	39.5	42.9	42.3	26.0	36.8	39.1
married women best at home......	28.8	25.2	25.0	27.8	28.3	20.3	17.6	16.3	14.8	16.6	13.7	9.0
marijuana should be legalized...	24.0	22.1	27.3	18.4	23.4	24.4	17.8	17.6	21.5	12.8	17.9	20.8
busing OK to achieve balance....	53.1	55.1	56.0	50.7	50.7	53.5	55.3	56.3	56.9	53.1	53.8	58.0
prohibit homosexual relations...	53.8	49.2	36.9	51.1	40.7	29.5	32.3	24.4	18.8	28.8	19.2	11.8
college increases earning power.	75.3	75.4	64.0	69.2	63.9	49.4	65.8	61.1	50.6	54.2	48.7	34.0
employers can require drug tests	78.6	77.4	71.8	81.3	75.9	76.9	81.2	78.0	74.6	83.8	79.6	75.1
control AIDS by mandatory tests.	62.7	61.6	54.5	58.6	55.6	45.7	65.0	63.0	56.3	59.7	56.7	46.5
man not entitled to sex on date.	79.4	81.5	84.8	86.9	82.1	87.3	93.8	95.3	95.1	96.2	96.1	97.3
fed govt do more control handgun	65.9	68.8	76.9	73.1	74.8	80.1	87.6	90.2	92.1	90.6	91.5	91.8
national health care plan needed	66.3	69.9	67.0	63.4	64.6	60.1	74.0	79.0	76.2	70.7	74.5	70.5
de-emphasize organized col sport	31.6	33.6	35.6	32.6	34.8	40.1	32.4	34.3	35.5	30.0	35.8	37.4
nuclear disarmament attainable..	62.0	64.1	61.2	59.6	59.1	56.6	61.3	64.2	64.5	60.4	63.4	63.6
publish all science findings....	55.1	55.1	56.1	53.8	53.5	52.4	50.1	47.9	50.1	46.8	48.5	49.1
students help evaluate faculty..	77.1	77.0	78.8	77.9	77.9	81.7	78.6	78.8	81.8	81.2	82.8	86.3
racial discrim no longer problem	23.7	19.5	16.4	17.2	16.9	12.2	17.2	14.4	11.4	13.7	11.1	7.6

Notes

1. Percentages will sum to more than 100 if any students check more than one category.
2. Because no Black two-year colleges participated in the 1990 survey, the associated Black enrollment is deflated in the two-year college norms and inflated in the four-year college norms.
3. Based on the curriculum recommendations of the National Commission on Excellence in Education.
4. Frequently only on this item, all other items in this group reflect responses for frequently or occasionally.
5. Students who applied to no other college (i.e. who applied to only one college) are not included in this item.
6. Recategortization of this item from a longer list shown in Appendix C.
7. Comparisons with the previous years not recommended due to change in item order.

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1990

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Year Graduated from High School														
1990	93.5	97.1	98.3	95.6	97.8	97.5	97.7	94.7	97.9	98.6	96.0	98.2	98.7	96.7
1989	3.1	1.7	1.2	2.5	1.5	1.9	1.7	2.7	1.2	0.9	2.3	0.9	0.9	1.9
1988	0.9	0.3	0.2	0.6	0.2	0.3	0.3	0.5	0.2	0.2	0.7	0.3	0.1	0.4
1987 or earlier	1.7	0.6	0.2	0.9	0.4	0.2	0.1	1.5	0.3	0.2	0.9	0.4	0.2	0.7
H.S. equivalency (G.E.D. test)	0.8	0.2	0.0	0.3	0.1	0.0	0.0	0.4	0.2	0.1	0.2	0.1	0.0	0.2
never completed high school	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.1
Age on December 31, 1990														
16 or younger	0.0	0.0	0.0	0.1	0.0	0.1	0.2	0.0	0.3	0.1	0.1	0.1	0.0	0.1
17	1.6	1.7	2.6	3.3	2.2	2.7	4.4	2.0	1.9	2.1	1.6	2.0	2.2	2.5
18	66.5	77.5	77.9	72.1	74.8	74.5	75.9	68.5	70.5	73.5	67.5	74.6	76.7	72.2
19	26.7	18.7	18.4	21.1	21.3	20.8	18.3	25.2	25.7	23.1	27.0	22.0	20.1	22.6
20	2.5	1.0	0.9	2.0	1.1	1.5	1.0	2.3	1.3	1.0	2.5	0.9	0.7	1.6
21-24	1.5	0.6	0.2	1.0	0.4	0.3	0.3	1.1	0.3	0.2	1.1	0.4	0.2	0.7
25-29	0.5	0.2	0.0	0.2	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.1	0.1	0.2
30-39	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.1	0.0	0.0	0.1
40-54	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.0
55 or older	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Racial Background (1)(2)														
White/Caucasian	69.1	90.4	86.1	67.0	90.5	86.8	82.8	76.6	91.8	92.4	75.4	88.9	89.3	81.2
Black/African-American	27.2	5.9	4.8	27.0	3.6	4.5	4.5	20.0	3.7	3.4	5.1	4.3	3.4	11.9
American Indian	2.7	1.0	1.1	1.3	0.8	0.8	0.9	0.9	0.8	0.9	0.6	0.8	0.4	0.9
Asian-American/Oriental	0.7	2.0	5.2	2.9	2.7	5.0	8.1	1.4	2.3	2.5	2.0	2.3	2.8	3.1
Mexican-American/Chicano	1.5	0.6	0.9	1.1	0.9	0.6	1.5	1.0	1.2	0.8	13.5	1.5	1.1	1.8
Puerto Rican-American	0.2	0.4	1.1	0.9	1.1	1.0	0.9	0.3	0.3	0.3	2.3	1.4	1.5	0.9
other	0.9	1.2	2.8	2.7	2.2	3.4	4.2	1.4	1.5	1.8	2.7	2.7	3.1	2.4
Average High School Grade														
A or A+	6.4	6.6	31.8	8.3	11.5	15.5	24.6	9.7	14.5	20.2	5.9	9.8	14.4	12.6
A-	9.0	12.9	27.7	10.9	14.9	18.4	30.2	11.7	17.6	21.5	9.4	14.1	21.0	15.7
B+	17.1	21.9	19.9	17.4	20.3	23.9	25.0	16.2	19.6	24.2	14.8	21.4	27.0	20.0
B	25.1	31.9	13.5	26.3	26.4	25.2	14.6	23.2	24.7	21.6	27.2	27.9	24.7	24.1
B-	15.9	15.8	4.8	16.4	14.5	10.6	4.2	14.3	13.6	8.4	17.6	14.7	8.9	12.9
C+	16.3	8.0	1.8	13.3	8.5	4.7	1.0	15.4	7.3	2.9	15.9	8.6	3.0	9.5
C	9.9	3.0	0.5	7.0	3.8	1.7	0.3	8.9	2.7	1.2	8.8	3.5	1.1	4.9
D	0.4	0.0	0.0	0.3	0.1	0.0	0.0	0.6	0.1	0.0	0.3	0.1	0.0	0.2
Miles from College to Home														
5 or less	7.2	4.7	2.3	4.2	3.0	3.8	1.4	5.7	5.2	2.8	11.9	6.6	6.0	4.8
6-10	5.5	6.8	2.3	3.7	4.4	4.0	1.3	5.0	5.2	2.3	11.7	8.1	6.3	4.8
11-50	25.4	35.4	22.2	16.3	18.2	18.4	7.7	19.3	18.6	13.1	21.3	28.4	24.9	18.1
51-100	21.0	19.7	16.8	13.5	20.7	15.1	11.5	17.4	15.0	17.5	10.2	18.2	17.2	15.7
101-500	34.2	31.5	29.5	27.9	35.7	37.1	41.3	35.1	37.9	43.1	30.5	29.2	37.0	34.7
more than 500	6.7	1.9	27.0	34.3	17.9	21.6	36.8	17.5	18.0	21.2	14.3	9.6	8.6	21.9

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1990

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Estimated Parental Income														
less than $6,000	4.5	1.9	1.2	3.8	1.6	1.9	1.7	4.2	1.5	1.4	4.6	2.6	2.0	2.9
$6,000-$9,999	4.1	1.4	1.1	3.0	1.4	1.5	1.3	4.1	1.5	1.4	3.2	1.9	1.5	2.4
$10,000-$14,999	6.4	3.0	2.6	5.4	3.2	2.6	2.0	6.0	3.3	2.4	6.5	4.2	2.1	4.2
$15,000-$19,999	7.2	3.6	2.8	5.9	4.0	3.2	2.6	5.7	3.9	3.2	6.1	4.8	2.9	4.6
$20,000-$24,999	8.0	5.4	4.4	7.4	5.8	4.8	3.6	9.0	5.9	4.9	7.4	6.1	4.0	6.5
$25,000-$29,999	8.2	6.0	5.1	7.4	5.5	4.4	3.4	7.7	6.0	5.2	6.7	6.1	4.2	6.1
$30,000-$34,999	9.7	8.8	7.3	8.2	7.9	6.5	4.8	9.3	8.0	6.7	8.4	9.0	6.1	7.8
$35,000-$39,999	9.4	9.3	9.0	8.0	7.9	6.9	5.0	8.8	7.9	7.3	8.3	8.1	6.5	7.7
$40,000-$49,999	12.5	15.4	14.9	10.3	11.9	11.5	8.5	11.7	12.3	11.7	11.2	12.3	11.2	11.2
$50,000-$59,999	10.8	15.2	15.3	10.2	11.8	11.2	9.4	9.8	12.1	12.0	9.9	12.5	12.5	10.8
$60,000-$74,999	9.8	15.0	16.7	11.2	13.2	12.2	12.2	8.7	12.5	13.1	9.5	12.8	14.5	11.4
$75,000-$99,999	5.5	8.6	11.2	7.7	10.2	10.6	12.5	6.4	9.0	11.4	6.4	8.3	13.1	8.9
$100,000-$149,999	2.5	4.0	5.7	5.9	7.4	10.0	14.9	4.8	7.5	9.0	6.0	5.6	10.2	7.5
$150,000 or more	1.5	2.3	2.8	5.6	8.2	12.7	18.2	3.9	8.5	10.2	5.7	5.8	9.3	8.0
Status of Parents														
living with each other	65.4	75.3	77.5	66.3	74.2	74.8	74.9	71.0	78.0	78.4	73.3	76.3	80.7	73.1
divorced or separated	28.7	20.8	19.0	28.1	21.3	21.0	21.3	23.3	18.0	18.0	21.7	19.3	15.2	22.1
one or both deceased	5.8	3.9	3.6	5.5	4.5	4.2	3.9	5.7	4.0	3.6	5.1	4.4	4.1	4.8
Have Met or Exceeded Recommended Years of High School Study (3)														
English (4 years)	94.1	97.1	98.8	97.8	98.4	98.4	98.5	96.0	96.2	98.4	97.6	98.2	98.6	97.5
mathematics (3 years)	89.8	95.4	99.0	95.0	96.3	98.4	98.8	92.7	95.4	97.9	94.2	95.0	98.1	95.6
foreign language (2 years)	63.8	87.1	95.0	84.0	91.6	94.8	98.1	76.7	89.6	94.1	85.9	89.2	96.0	87.6
physical science (2 years)	38.7	51.5	65.3	48.3	53.6	64.7	70.4	41.4	56.8	62.6	46.9	53.8	59.3	53.3
biological science (2 years)	35.4	38.0	32.5	33.8	34.6	40.1	39.9	35.7	41.1	41.5	36.7	35.4	35.3	36.9
history/American govt (1 year)	98.8	99.2	99.3	99.1	99.3	99.1	99.3	98.9	99.1	99.4	98.8	99.2	99.3	99.1
computer science (1/2 year)	53.1	60.9	58.6	57.2	57.3	58.8	51.1	50.9	57.2	54.6	55.6	60.4	60.0	55.6
arts and/or music (1 year)	70.2	67.9	71.4	71.5	77.2	74.0	79.8	71.4	76.0	75.1	76.1	75.7	74.7	74.2
Racial Composition of Student's High School														
completely white	16.6	15.2	10.9	10.8	13.6	13.3	9.0	12.4	16.8	13.2	12.7	15.3	13.7	12.7
mostly white	47.4	67.4	67.1	54.1	66.7	67.9	68.5	52.0	62.5	66.5	56.3	67.7	69.6	60.7
roughly half non-white	21.8	12.7	15.8	20.2	14.9	13.5	15.8	24.4	15.9	15.9	17.3	11.2	11.9	17.8
mostly non-white	10.5	3.8	5.3	9.9	4.1	4.2	5.6	7.4	3.9	3.7	11.5	4.3	3.9	6.4
completely non-white	3.7	1.0	0.9	5.0	0.8	1.2	1.0	3.8	0.9	0.7	2.1	1.4	1.0	2.4
Racial Composition of Student's Neighborhood														
completely white	38.0	42.0	34.8	28.8	40.2	38.6	30.7	35.1	42.6	42.0	35.7	43.0	41.0	36.3
mostly white	32.3	46.9	52.7	39.2	48.2	48.3	53.5	40.2	46.0	47.7	41.0	44.3	47.5	44.3
roughly half non-white	8.2	5.2	6.2	9.6	5.9	5.9	7.6	8.3	5.7	5.0	9.0	5.8	5.4	7.3
mostly non-white	11.2	4.0	4.3	12.4	4.1	4.4	5.4	8.0	3.7	3.6	8.7	4.1	4.2	6.9
completely non-white	10.2	2.0	2.0	10.0	1.7	2.8	2.8	8.4	2.0	1.7	5.6	2.8	2.0	5.3

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1990

	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Activities Engaged in by Student During the Past Year														
attended a religious service	87.7	82.6	85.8	85.6	82.9	80.4	74.7	92.4	89.1	88.6	87.5	90.6	93.2	86.7
was bored in class (4)	26.2	33.8	35.6	27.6	31.3	32.4	35.7	25.4	32.4	32.5	26.2	28.5	32.6	29.5
participated in demonstrations	44.5	38.7	34.2	45.9	41.1	37.3	35.4	45.6	37.7	35.7	45.5	40.1	35.0	41.3
won varsity letter in sports	50.4	54.1	61.9	48.8	55.8	56.4	56.0	53.7	59.2	58.5	49.2	56.9	60.2	54.5
didn't complete homework on time	68.6	70.6	66.8	72.2	70.6	69.8	71.7	70.8	71.0	69.1	70.3	68.8	69.2	70.7
tutored another student	41.9	46.5	67.7	47.3	47.1	56.4	65.8	45.7	52.1	59.3	42.5	48.5	56.6	51.0
did extra class work/reading (4)	10.9	9.0	11.1	12.2	11.1	12.0	14.0	11.7	10.2	11.5	11.3	11.4	9.7	11.7
studied with other students	85.8	86.7	88.8	85.4	88.1	87.4	88.7	86.7	88.9	90.1	86.5	87.5	89.3	87.4
was a guest in a teacher's home	33.4	26.4	33.2	31.0	32.0	34.0	40.0	38.7	36.7	38.9	27.6	28.9	27.5	34.3
smoked cigarettes (4)	7.8	8.7	4.7	8.6	9.7	10.2	7.4	5.4	8.7	7.2	11.6	9.9	7.6	8.2
drank beer	50.6	62.4	55.2	45.9	60.0	63.6	64.8	38.0	56.7	57.6	59.1	64.5	70.7	53.7
drank wine or liquor	51.1	64.0	57.8	48.2	60.9	64.8	67.4	40.4	58.9	61.7	59.9	66.1	69.8	55.6
stayed up all night	79.7	80.2	78.6	81.5	79.9	79.2	77.2	77.7	78.6	78.5	78.5	81.1	78.7	79.1
spoke other language at home (4)	3.5	4.5	7.4	6.4	6.5	10.0	11.9	4.4	5.0	5.4	12.8	7.5	7.3	7.1
felt overwhelmed (4)	18.7	20.8	17.6	22.5	21.9	23.2	26.7	20.8	23.2	24.4	22.4	22.8	23.6	22.7
felt depressed (4)	9.4	8.6	7.3	9.1	8.4	9.4	9.7	9.1	8.8	8.2	10.1	9.6	8.4	9.1
studied in library (4)	10.6	8.7	11.3	13.0	11.3	11.7	14.9	10.7	10.7	12.0	12.8	12.2	11.0	11.9
performed volunteer work	61.5	61.5	71.2	67.2	68.0	69.6	76.6	69.1	70.8	75.2	66.5	70.9	73.2	70.1
visited art gallery or museum	48.3	53.1	59.4	59.1	60.2	68.0	78.8	52.0	63.0	70.1	56.6	60.2	60.6	61.3
took vitamins	55.9	56.9	58.4	58.1	60.3	57.4	56.0	58.9	60.4	58.4	57.7	58.5	57.1	58.3
came late to class	55.9	60.7	58.8	63.4	60.8	61.7	68.2	60.1	60.3	62.6	58.1	59.4	58.9	61.6
wore glasses or contact lenses	47.8	49.7	49.5	46.3	50.0	52.1	51.9	49.1	52.8	55.0	52.7	54.3	52.2	50.6
played a musical instrument	39.6	37.1	42.2	41.1	41.2	40.6	47.8	43.6	46.1	49.6	36.9	40.9	38.9	42.8
checked out book from sch lib(4)	29.0	26.9	30.2	29.2	27.6	30.5	36.0	29.4	31.0	33.9	27.2	30.8	28.4	30.2
asked teacher for advice (4)	30.3	27.7	28.5	33.6	31.1	33.4	40.4	34.0	34.8	36.1	31.6	31.9	32.2	34.0
Student's Religious Preference														
Baptist	37.1	8.4	10.9	27.0	8.5	6.5	2.3	41.6	9.4	9.1	5.6	3.0	1.8	17.7
Buddhist	0.1	0.2	0.5	0.3	0.3	0.7	1.0	0.2	0.2	0.3	0.4	0.3	0.2	0.4
Congregational	1.2	1.0	1.1	2.0	1.4	1.9	2.8	0.8	1.3	1.5	0.6	0.4	0.3	1.4
Eastern Orthodox	0.2	0.5	0.4	0.4	0.6	1.0	1.0	0.2	0.4	0.4	0.4	0.5	0.7	0.5
Episcopal	1.4	1.9	2.9	2.5	3.1	4.9	6.9	2.1	5.2	7.0	1.3	1.5	0.9	3.4
Islamic	0.3	0.2	0.5	1.1	0.2	0.8	0.9	0.4	0.2	0.4	0.3	0.2	0.2	0.6
Jewish	0.3	2.2	1.9	2.2	3.5	4.5	8.9	0.2	0.7	1.9	0.2	0.3	0.3	2.2
LDS (Mormon)	0.4	0.3	0.6	0.2	0.2	0.2	0.3	0.4	0.3	0.2	0.1	0.1	0.1	0.2
Lutheran	7.0	9.0	5.0	3.1	4.1	4.3	3.5	3.1	7.0	18.0	3.0	4.2	3.7	4.8
Methodist	10.9	7.2	9.4	6.7	7.9	6.1	3.6	10.7	13.2	9.9	4.2	2.4	1.9	7.4
Presbyterian	2.9	3.9	5.1	4.5	5.5	6.5	5.7	5.0	10.6	9.2	2.3	1.8	1.3	5.3
Quaker	0.2	0.1	0.1	0.1	0.2	0.4	1.0	0.2	0.3	1.2	0.4	0.1	0.2	0.4
Roman Catholic	19.7	43.0	40.0	23.0	40.6	33.5	24.5	11.3	20.1	19.7	67.8	74.0	80.6	31.6
Seventh Day Adventist	0.3	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.0	0.2	0.3	0.2	0.2
other Protestant	3.2	4.4	5.9	8.9	6.0	5.3	4.1	5.1	15.5	5.3	3.1	2.2	1.2	6.1
other religion	6.7	4.2	3.8	6.9	4.5	5.0	5.4	12.4	6.3	4.2	3.1	2.1	1.6	6.6
none	8.3	13.2	11.8	10.7	13.0	18.2	28.0	6.0	8.9	11.6	7.1	6.5	4.9	11.2
Born-Again Christian?														
no	56.4	82.9	78.4	57.6	78.3	83.9	92.6	42.3	61.8	73.8	84.1	89.7	92.4	68.5
yes	43.6	17.1	21.6	42.4	21.7	16.1	7.4	57.7	38.2	26.2	15.9	10.3	7.6	31.5

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1990

	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
High School Accomplishments														
pres of 1 or more student orgs..	20.3	17.0	30.6	23.4	23.2	27.3	34.9	25.3	26.6	30.5	19.3	22.0	25.0	25.7
rated high in music contest.....	14.1	12.4	15.1	11.9	12.5	10.8	13.4	16.3	19.0	20.7	10.5	12.6	9.1	13.9
in speech/debate contest........	6.2	5.0	7.6	7.4	6.3	7.3	12.4	8.0	8.9	9.6	5.4	7.4	6.7	8.0
had a major part in a play......	13.4	11.6	13.9	16.3	16.3	16.0	20.8	18.5	18.8	18.9	12.8	14.2	13.4	17.0
won award in art competition....	8.2	8.8	9.4	10.8	12.9	13.8	11.6	9.3	11.2	10.0	10.0	9.4	8.4	10.8
edited a school publication.....	11.9	11.6	15.4	13.0	15.8	17.9	25.9	15.2	16.5	18.8	12.1	14.9	16.0	16.2
had original writing published..	12.3	13.7	20.1	16.5	17.9	21.5	30.1	16.0	20.7	22.8	13.8	18.3	17.6	19.0
won award in science contest....	4.2	3.1	9.6	4.9	4.5	6.4	8.9	4.9	5.1	6.7	2.7	3.6	4.3	5.3
member of scholastic honor soc..	24.1	26.7	64.0	28.5	33.5	41.5	58.5	29.6	40.1	50.0	20.7	30.5	44.7	36.0
Student Rated Self Above Average or Highest 10% in														
academic ability................	46.0	61.2	83.5	54.7	60.2	73.7	89.4	50.4	67.4	77.8	40.4	58.3	72.4	62.1
artistic ability................	21.2	24.0	27.5	27.6	29.1	33.0	36.4	23.2	27.5	29.8	23.9	23.7	22.7	27.5
competitiveness.................	52.5	56.4	66.8	54.5	56.4	58.8	58.4	54.6	59.2	59.7	48.7	53.8	59.5	56.1
cooperativeness.................	69.0	73.0	76.4	74.1	74.2	74.5	75.8	73.6	74.4	75.4	70.9	72.1	75.9	74.1
drive to achieve................	65.1	66.6	79.5	70.0	69.6	72.3	77.7	69.0	71.6	75.3	63.9	67.4	74.9	70.9
emotional health................	57.1	57.3	62.8	59.9	56.9	60.6	62.1	59.8	60.7	61.9	52.6	54.7	62.0	59.5
leadership ability..............	50.5	51.2	62.3	55.4	54.2	57.1	60.3	55.0	56.7	60.7	48.5	53.7	56.8	55.8
mathematical ability............	30.2	39.8	67.9	36.6	39.4	47.6	57.0	31.2	40.0	46.6	28.4	37.1	46.2	39.6
physical health.................	57.2	59.6	65.6	60.3	58.1	61.9	62.3	57.4	61.2	61.6	54.4	58.0	64.4	59.7
popularity......................	43.2	43.9	45.4	42.9	43.5	46.4	44.8	43.0	44.8	43.2	38.8	42.3	45.5	43.6
popularity with opposite sex....	41.5	42.4	41.6	42.3	41.0	44.4	41.1	41.1	42.4	40.0	38.4	40.3	41.5	41.5
public speaking ability.........	26.6	29.4	37.8	32.8	31.9	35.3	42.0	30.1	35.4	38.9	26.6	32.6	35.3	33.6
self-confidence (intellectual)..	47.8	48.4	64.5	53.4	49.8	58.4	66.7	49.4	56.1	60.3	42.4	49.4	54.7	53.7
self-confidence (social)........	45.5	43.6	46.5	47.6	44.6	46.8	45.6	46.6	46.7	44.7	43.1	43.3	46.0	46.0
understanding of others.........	65.7	70.2	71.7	71.1	71.3	73.2	77.5	69.3	72.5	74.8	70.4	71.2	73.5	71.9
writing ability.................	35.7	41.0	50.4	43.2	43.7	50.0	64.0	39.4	47.8	52.9	34.1	43.7	45.8	45.5
Prior Credit at This Institution														
no..............................	97.2	96.7	97.5	95.2	97.1	97.3	98.1	96.6	97.2	97.6	97.6	95.4	97.5	96.7
yes.............................	2.8	3.3	2.5	4.8	2.9	2.7	1.9	3.4	2.8	2.4	2.4	4.6	2.5	3.3
This College is Student's														
first choice....................	66.4	71.5	77.3	71.6	74.9	71.2	69.0	68.1	75.9	78.4	66.0	74.1	74.3	71.6
second choice...................	25.0	22.8	17.7	22.1	20.4	20.9	21.3	23.3	18.9	17.0	26.0	20.1	20.2	21.4
third choice....................	6.2	4.2	3.4	4.4	3.4	5.5	6.5	6.1	3.8	3.3	5.5	4.1	3.7	4.9
less than third choice..........	2.4	1.5	1.5	2.0	1.4	2.4	3.2	2.5	1.5	1.3	2.6	1.7	1.8	2.1
Number of Other Colleges Applied to for Admission This Year														
none............................	34.6	22.5	13.9	19.0	13.8	13.5	15.1	25.7	19.2	17.3	18.2	16.1	11.6	18.4
one.............................	18.3	18.5	13.8	14.7	13.1	9.4	4.7	16.8	14.6	12.5	15.4	14.6	11.4	13.3
two.............................	19.1	21.3	17.8	18.1	18.4	13.7	6.9	19.9	18.8	17.2	20.9	19.6	17.0	17.3
three...........................	15.3	17.1	20.0	18.8	18.1	17.8	11.1	18.4	18.0	19.0	19.9	20.1	18.6	18.0
four............................	7.3	10.2	14.2	12.3	14.3	14.1	12.8	10.0	13.0	12.4	12.4	13.1	14.7	12.5
five............................	3.0	5.6	9.5	8.8	10.0	12.7	15.0	5.0	8.1	9.7	7.5	8.5	11.8	9.1
six or more.....................	2.3	4.6	10.8	8.4	12.3	18.7	34.4	4.2	8.3	11.9	5.6	8.0	15.0	11.5
Permission to Use Student I.D.														
yes.............................	79.6	72.6	83.0	81.0	81.2	74.0	76.2	78.3	72.9	79.6	71.4	71.6	75.4	77.1
no..............................	20.4	27.4	17.0	19.0	18.8	26.0	23.8	21.7	27.1	20.4	28.6	28.4	24.6	22.9

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1990

	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
HOURS PER WEEK IN THE LAST YEAR	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
None														
studying or doing homework	1.8	1.4	1.0	1.4	0.9	1.0	0.5	1.1	1.0	0.6	1.0	1.1	0.7	1.0
socializing with friends	0.3	0.2	0.1	0.3	0.1	0.2	0.2	0.2	0.2	0.1	0.3	0.2	0.2	0.2
talking w/teacher outside class	7.8	7.7	5.8	6.8	5.4	5.1	3.3	5.7	4.9	4.5	6.1	5.8	5.2	5.5
exercising or sports	6.0	3.7	2.5	5.3	3.3	3.3	3.0	5.1	2.8	3.0	6.0	3.9	2.8	4.1
partying	15.5	12.7	14.9	18.6	14.2	14.4	15.1	23.0	15.6	16.1	13.5	12.3	9.2	16.9
working (for pay)	24.9	18.8	30.1	29.3	27.9	35.6	46.9	28.4	31.3	35.9	25.3	24.6	27.2	31.1
volunteer work	51.7	51.9	41.1	45.1	44.3	42.1	35.4	42.9	41.5	36.9	44.9	42.5	37.8	42.0
student clubs and groups	28.8	29.6	15.1	25.0	23.1	19.1	12.4	22.0	20.2	15.9	30.3	24.1	19.7	21.5
watching TV	3.2	4.0	3.9	4.8	4.6	6.9	10.3	4.1	5.2	6.4	3.5	5.2	4.0	5.3
Six or More Hours														
studying or doing homework	35.5	38.1	49.4	43.2	46.9	56.8	69.7	40.3	50.9	57.2	44.0	47.9	55.4	49.1
socializing with friends	75.7	82.1	80.0	76.9	83.1	82.3	83.1	74.4	81.9	82.5	77.6	80.3	86.4	79.5
talking w/teacher outside class	6.3	4.5	4.0	7.2	6.2	6.3	6.3	6.3	5.6	5.8	7.3	6.4	4.5	6.3
exercising or sports	45.6	49.8	55.7	47.4	53.7	53.8	54.8	48.5	54.0	53.9	46.1	50.5	57.8	51.1
partying	31.3	34.4	25.9	29.6	34.4	31.3	27.4	25.4	30.9	27.6	37.5	36.0	40.0	30.5
working (for pay)	63.2	72.6	58.0	59.5	62.0	52.1	37.8	58.7	54.7	50.8	64.4	64.5	62.2	56.7
volunteer work	5.5	4.8	5.9	7.6	6.8	6.9	7.8	7.0	6.4	6.3	7.3	6.8	8.0	7.1
student clubs and groups	14.1	15.0	16.7	17.6	18.5	18.5	24.7	15.6	18.5	20.2	17.8	18.2	19.3	18.3
watching TV	38.1	32.7	32.1	35.0	32.7	31.1	25.5	36.1	31.9	29.9	32.9	31.7	32.4	32.8
Sixteen or More Hours														
studying or doing homework	4.2	5.0	9.4	8.2	8.3	12.9	23.1	6.5	9.3	12.6	7.6	8.5	11.5	10.1
socializing with friends	34.1	38.9	34.7	35.4	40.0	37.5	35.8	32.3	38.1	35.3	36.8	37.0	40.1	36.0
talking w/teacher outside class	0.9	0.6	0.5	1.3	0.9	0.8	0.7	0.7	0.7	0.8	1.0	0.6	0.6	0.9
exercising or sports	17.4	17.2	18.1	16.4	19.8	18.0	16.6	19.1	20.3	18.4	18.7	18.5	19.4	18.3
partying	7.6	7.7	4.7	7.5	7.9	6.7	4.8	7.0	7.1	4.9	10.1	8.9	7.3	7.1
working (for pay)	40.5	45.6	31.9	36.7	35.9	27.4	16.3	35.5	30.1	26.5	41.2	37.9	32.9	32.6
volunteer work	1.4	1.2	1.5	2.1	1.7	1.6	1.6	1.8	1.5	1.2	1.7	1.7	2.1	1.8
student clubs and groups	3.1	3.2	3.1	3.8	4.6	4.3	5.8	3.3	4.2	4.5	4.1	4.4	4.2	4.1
watching TV	11.0	7.7	6.8	9.6	7.4	6.4	4.6	9.5	6.4	5.5	8.3	7.1	6.0	7.7
U.S. Citizen?														
yes	99.0	98.8	96.7	96.3	96.9	94.1	93.3	98.1	96.8	97.5	95.7	96.8	97.2	96.4
permanent resident	0.6	1.1	2.5	1.9	1.7	2.6	3.4	0.8	1.1	1.2	3.1	2.0	2.0	1.8
no	0.4	0.1	0.7	1.8	1.3	3.2	3.3	1.1	2.1	1.3	1.2	1.3	0.8	1.7
Native English Speaker														
yes	97.8	96.9	93.9	95.2	95.0	92.2	90.6	96.8	96.5	96.1	91.4	94.3	94.5	94.7
no	2.2	3.1	6.1	4.8	5.0	7.8	9.4	3.2	3.5	3.9	8.6	5.7	5.5	5.3
Residence Planned During Fall 1990														
with parents or relatives	21.5	24.5	7.2	8.0	8.9	9.6	2.4	12.3	8.1	3.2	31.2	18.8	15.3	10.8
other private home, apt, room	5.5	1.9	0.7	1.8	0.7	0.8	0.3	1.3	0.5	0.2	1.6	0.8	1.8	1.1
college dormitory	70.3	70.7	89.0	86.5	89.2	86.9	95.9	84.9	90.6	95.9	65.7	79.8	81.1	86.3
fraternity or sorority house	0.2	0.0	2.1	0.1	0.4	2.0	0.1	0.2	0.1	0.0	0.0	0.0	0.1	0.3
other campus housing	1.9	2.7	0.7	3.2	0.6	0.6	1.3	0.9	0.7	0.5	1.2	0.5	1.6	1.3
other	0.6	0.2	0.4	0.4	0.2	0.1	0.0	0.5	0.1	0.1	0.2	0.1	0.2	0.2

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1990

	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Highest Degreee Planned Anywhere														
none	1.6	0.9	0.5	1.6	1.3	1.0	0.5	2.0	1.0	0.7	1.6	1.0	0.8	1.3
vocational certificate	0.5	0.1	0.0	0.3	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.2
associate (AA or equivalent)	1.8	0.4	0.2	0.6	0.5	0.2	0.1	1.6	0.6	0.2	1.9	0.3	0.2	0.7
bachelor's (BA, BS)	38.1	32.0	15.5	30.9	27.9	16.6	6.4	31.8	21.5	14.4	31.0	23.3	17.4	23.9
master's (MA, MS)	36.3	46.4	50.3	37.2	44.0	44.8	36.5	38.0	41.4	40.0	38.8	44.1	43.2	40.1
PhD or EdD	10.8	11.0	22.2	15.2	13.2	18.3	31.5	13.2	16.3	20.8	12.7	14.6	15.7	16.8
MD, DO, DDS, DVM	4.8	3.8	5.9	6.6	5.6	9.4	11.6	5.6	9.2	13.2	5.8	8.2	10.7	8.0
LLB or JD (law)	3.6	3.9	4.1	5.4	5.5	8.2	11.8	4.6	7.6	9.4	5.6	6.8	10.5	7.0
BD or MDiv (divinity)	0.6	0.3	0.2	0.5	0.4	0.3	0.3	1.0	0.7	0.4	0.4	0.3	0.2	0.5
other	2.0	1.1	0.9	1.7	1.4	1.2	1.4	1.9	1.6	0.9	2.0	1.1	1.2	1.5
Highest Degree Planned at Freshman College														
none	4.7	2.7	1.0	2.2	1.4	1.3	0.4	3.8	2.1	0.9	3.4	1.7	1.2	2.1
vocational certificate	0.7	0.2	0.1	0.4	0.5	0.1	0.1	0.7	0.4	0.1	0.5	0.3	0.2	0.4
associate (AA or equivalent)	5.2	2.2	0.6	1.4	1.4	0.7	0.2	4.4	2.3	0.7	4.0	2.2	0.8	2.0
bachelor's (BA, BS)	65.8	72.3	76.4	76.2	73.8	81.3	88.4	74.2	79.9	86.1	71.2	77.0	75.7	78.2
master's (MA, MS)	17.0	19.1	18.6	14.2	18.6	13.5	8.3	11.9	11.8	8.6	14.7	15.1	17.8	13.0
PhD or EdD	2.1	1.5	2.2	2.1	1.7	1.1	1.2	1.5	1.3	1.0	2.5	1.1	1.6	1.5
MD, DO, DDS, DVM	0.8	0.3	0.3	0.9	0.4	0.4	0.4	0.7	0.4	0.5	0.6	0.4	0.7	0.6
LLB or JD (law)	0.8	0.4	0.2	0.8	0.8	0.6	0.4	0.6	0.6	1.1	0.9	0.7	0.8	0.7
BD or MDiv (divinity)	0.6	0.2	0.2	0.4	0.2	0.1	0.0	0.3	0.2	0.1	0.1	0.1	0.2	0.2
other	2.4	1.0	0.5	1.5	1.2	0.9	0.6	2.0	1.1	0.8	2.0	1.3	0.9	1.3
Reasons Noted as Very Important in Deciding to Go to College														
parents wanted me to go	40.0	32.8	29.8	39.1	34.4	31.7	27.8	40.0	34.5	33.1	37.9	35.4	36.7	36.0
could not find a job	8.8	5.5	3.9	6.3	4.5	3.9	2.1	6.9	3.8	3.0	7.4	5.7	3.9	5.2
wanted to get away from home	17.9	16.9	15.4	18.5	17.9	16.3	18.9	18.2	18.7	18.0	15.2	18.7	17.4	17.9
get a better job	81.6	78.2	73.5	74.0	74.4	68.5	58.6	75.7	72.5	69.2	76.2	76.1	72.5	72.3
gain general education	63.4	61.5	61.9	64.3	64.5	70.0	81.4	64.1	66.4	70.7	66.8	67.3	69.7	67.6
improve reading and study skills	48.8	41.0	32.4	45.9	41.1	42.6	45.1	47.3	42.4	44.1	53.5	47.1	46.5	45.5
nothing better to do	2.8	2.0	2.1	2.6	1.8	2.7	3.3	2.6	2.7	2.2	2.5	2.5	2.6	2.6
become a more cultured person	41.0	37.5	37.7	46.9	43.4	49.5	58.8	42.2	46.3	51.9	44.6	47.6	48.6	47.2
make more money	79.3	73.1	64.3	68.7	67.6	62.1	47.0	68.4	63.7	59.7	68.9	69.6	66.6	65.0
learn more about things	71.7	70.8	73.0	76.3	75.7	77.8	86.8	70.9	74.0	77.8	74.2	73.3	73.8	75.6
prepare for grad/prof school	52.7	48.7	52.0	54.0	48.5	57.0	62.4	52.3	56.0	62.6	56.3	56.6	60.4	55.6
Reasons Noted as Very Important or Essential in Career Choice														
job openings regularly available	75.0	71.3	67.4	68.9	67.0	60.2	46.6	69.3	61.6	58.2	71.1	70.7	65.3	64.8
rapid advancement possible	68.3	63.2	57.8	65.2	61.2	56.6	41.3	61.5	53.8	49.0	61.8	61.4	60.6	58.5
high anticipated earnings	75.0	68.0	61.6	70.0	66.4	63.2	47.5	64.8	59.1	56.0	67.4	67.5	67.3	63.7
well-respected/prestigious job	68.3	62.8	61.0	65.1	62.3	60.3	48.5	61.6	58.5	54.5	66.3	65.5	63.3	61.0
great deal of independence	68.5	64.7	57.7	69.8	65.8	69.6	70.6	63.9	63.2	64.8	67.7	67.1	65.6	66.8
chance for steady progress	78.7	76.9	75.5	79.1	77.1	77.1	72.9	74.4	73.1	72.4	77.8	76.7	77.9	76.0
make important contrib to soc	70.0	68.1	71.5	72.4	69.8	71.1	77.4	74.9	73.5	76.2	73.8	73.5	72.1	73.5
can avoid pressure	40.1	34.5	25.7	36.9	34.1	31.8	26.6	36.9	30.7	27.9	39.2	36.0	31.4	34.0
can work with ideas	70.4	69.3	70.7	73.0	72.9	75.0	79.9	69.5	71.3	72.6	71.9	71.0	71.4	72.5
can be helpful to others	81.9	78.9	75.3	80.2	78.3	77.4	78.7	83.7	82.1	81.5	84.8	81.2	80.1	81.0
able to work with people	80.2	77.7	70.6	78.3	77.5	74.1	72.1	82.4	78.4	76.3	83.8	80.1	79.2	78.5
intrinsic interest in field	78.9	80.7	81.7	81.3	81.4	82.0	87.2	78.6	80.7	83.4	80.9	80.4	81.5	81.3
work would be challenging	72.2	71.1	76.4	77.0	74.5	75.7	82.7	73.5	75.1	76.6	75.1	74.0	74.1	75.7

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1990

	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Probable Career Occupation														
accountant or actuary	6.6	8.8	2.3	4.0	5.4	2.9	0.8	5.1	4.3	3.2	5.3	8.1	7.3	4.4
actor or entertainer	0.9	0.9	0.3	2.2	2.2	1.1	1.5	1.3	1.5	1.0	1.2	1.1	0.7	1.5
architect or urban planner	1.0	0.4	2.3	0.8	0.3	1.2	0.6	0.6	0.7	0.6	0.5	0.3	0.4	0.6
artist	1.2	1.9	0.9	2.5	4.3	4.2	1.3	1.2	1.8	1.2	2.5	1.5	0.6	2.1
business (clerical)	1.1	0.6	0.2	0.7	0.5	0.4	0.2	0.8	0.4	0.4	1.1	0.6	0.5	0.6
business executive (management)	10.1	11.5	5.6	7.9	10.3	10.9	7.2	9.7	9.9	8.6	11.3	11.6	13.2	9.7
business owner or proprietor	2.8	3.1	1.0	3.1	3.2	3.9	1.9	3.2	3.0	2.2	3.5	2.9	3.4	3.1
business salesperson or buyer	1.6	1.6	0.5	1.3	1.5	1.4	0.4	1.5	0.9	0.8	1.5	1.3	1.5	1.2
clergy (minister,priest)	0.2	0.0	0.1	0.6	0.3	0.1	0.1	1.3	0.5	0.4	0.6	0.2	0.2	0.6
clergy (other religious)	0.0	0.0	0.0	0.6	0.1	0.1	0.1	0.8	0.2	0.1	0.2	0.1	0.1	0.3
clinical psychologist	1.6	1.7	1.0	2.4	2.0	2.1	1.7	2.2	2.4	2.0	2.7	2.4	2.1	2.2
college teacher	0.3	0.4	0.5	0.4	0.4	0.7	2.1	0.8	1.0	1.3	0.1	0.5	0.7	0.8
computer programmer or analyst	3.8	2.2	2.6	2.8	2.8	1.1	1.1	2.6	1.3	1.0	2.3	1.7	1.1	2.0
conservationist or forester	0.8	0.3	0.3	0.3	0.2	0.4	0.7	0.5	0.5	0.5	0.1	0.3	0.2	0.4
dentist (including orthodontist)	0.7	0.4	0.3	0.4	0.3	0.6	0.3	0.3	0.8	0.7	0.3	0.5	0.7	0.5
dietitian or home economist	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.5	0.2	0.1
engineer	5.7	3.9	27.6	9.7	5.8	10.8	8.5	2.8	3.8	4.3	1.3	2.2	4.5	5.8
farmer or rancher	0.6	0.1	0.1	0.2	0.2	0.1	0.1	0.3	0.2	0.1	0.0	0.0	0.1	0.2
foreign service worker	0.3	0.6	0.9	0.7	0.7	1.8	3.7	0.5	1.9	2.9	0.5	1.5	1.7	1.4
homemaker (full-time)	0.1	0.1	0.0	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.0	0.1
interior decorator (incl design)	0.7	0.3	0.4	0.6	0.8	0.9	0.1	0.3	0.3	0.3	2.3	0.7	0.1	0.6
interpreter (translator)	0.1	0.3	0.2	0.2	0.2	0.2	0.5	0.3	0.3	0.4	0.0	0.5	0.2	0.3
lab technician or hygienist	0.5	0.1	0.1	0.2	0.2	0.2	0.1	0.3	0.2	0.3	0.2	0.1	0.2	0.2
law enforcement officer	1.9	1.9	0.3	0.9	0.7	0.3	0.1	1.1	1.0	0.4	2.7	1.0	0.6	0.9
lawyer (attorney) or judge	4.5	4.1	3.9	6.0	5.6	7.9	10.8	5.4	7.5	9.9	6.2	6.9	10.2	7.1
military service (career)	0.6	1.2	11.2	2.2	0.5	0.2	0.2	0.3	0.1	0.2	0.3	0.4	0.5	0.7
musician (performer,composer)	0.9	1.4	0.8	1.5	0.9	1.0	1.2	2.4	1.5	1.4	1.3	1.3	0.5	1.5
nurse	3.8	2.6	0.7	2.0	0.7	0.8	0.0	2.7	1.8	1.1	3.8	1.9	1.8	1.7
optometrist	0.4	0.1	0.1	0.1	0.1	0.4	0.1	0.1	0.2	0.2	0.3	0.4	0.2	0.2
pharmacist	0.9	0.3	0.2	0.9	0.3	1.5	0.1	0.8	0.4	0.2	0.5	0.6	0.3	0.6
physician	2.6	2.4	3.6	4.3	3.5	6.3	8.7	4.3	6.5	9.9	3.8	5.2	7.9	5.6
school counselor	0.6	0.4	0.2	0.5	0.3	0.3	0.2	0.5	0.3	0.4	0.5	0.4	0.4	0.4
school principal/superintendent	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1
scientific researcher	1.2	1.6	2.1	1.1	2.2	2.5	4.1	1.0	2.0	3.2	0.9	1.7	1.7	1.9
social,welfare,recreation worker	1.5	1.0	0.3	1.5	1.1	0.9	0.7	1.7	1.5	1.4	1.6	1.5	1.0	1.3
statistician	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.0
therapist (phys,occup,speech)	2.8	3.7	1.2	1.6	3.5	1.8	0.7	3.0	2.9	2.2	2.6	2.1	2.4	2.3
teacher (elementary)	8.8	9.3	6.7	4.5	5.2	2.7	1.0	8.7	6.8	3.1	9.3	6.4	3.6	5.4
teacher (secondary)	5.3	6.1	3.8	3.3	3.8	2.3	2.7	6.8	5.1	4.9	4.6	4.6	3.4	4.4
veterinarian	0.7	0.5	0.4	1.0	0.6	0.6	0.9	0.7	0.8	0.9	0.8	0.7	0.7	0.8
writer or journalist	1.9	2.4	1.3	2.6	4.0	3.3	4.8	2.4	2.8	3.3	2.0	3.1	3.4	3.0
skilled trades	0.5	0.4	0.3	0.8	0.6	0.2	0.2	0.4	0.3	0.2	0.3	0.3	0.2	0.4
other career	9.1	9.0	5.0	13.9	12.4	6.8	5.6	9.3	7.8	6.8	10.6	9.0	6.6	9.4
undecided	10.9	11.8	10.4	9.6	11.9	14.8	24.5	11.5	14.8	17.5	9.8	13.5	14.9	13.5
Twin Status														
no	98.2	98.1	98.1	98.4	98.4	98.4	98.3	98.0	98.2	98.4	98.6	98.4	98.2	98.3
yes-identical	0.7	0.7	0.9	0.5	0.7	0.5	0.6	0.8	0.6	0.6	0.5	0.6	0.5	0.6
yes-fraternal	1.1	1.2	1.0	1.1	0.9	1.1	1.1	1.2	1.2	1.0	0.8	1.0	1.3	1.1

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1990

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
PROBABLE MAJOR FIELD OF STUDY	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
ARTS AND HUMANITIES														
art, fine and applied	1.4	2.3	1.2	3.5	5.7	5.1	1.9	1.4	2.3	1.5	3.3	2.0	0.9	2.8
English (language & literature)	1.0	1.2	1.6	1.7	1.5	4.1	8.1	1.5	2.4	4.3	1.4	2.7	3.4	2.8
history	1.0	1.0	1.1	0.8	0.7	1.9	4.3	1.0	1.7	2.2	0.7	1.4	2.3	1.5
journalism	1.3	1.4	0.4	1.8	2.3	1.3	1.0	1.5	1.1	1.4	1.2	1.7	1.8	1.5
language/literature (ex English)	0.3	0.6	0.5	0.4	0.3	0.9	2.5	0.4	0.8	1.4	0.5	1.0	1.1	0.8
music	1.1	1.4	1.0	1.6	1.0	1.0	1.2	2.6	1.6	1.7	0.7	1.0	0.3	1.5
philosophy	0.1	0.1	0.1	0.1	0.1	0.4	1.2	0.1	0.3	0.5	0.3	0.2	0.3	0.3
speech	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.3	0.2	0.1	0.1	0.0	0.2	0.1
theater or drama	0.6	0.7	0.3	1.3	1.6	1.1	1.5	0.9	1.4	1.0	0.6	1.2	0.3	1.1
theology or religion	0.0	0.0	0.0	0.7	0.2	0.1	0.2	1.5	0.4	0.4	0.2	0.2	0.2	0.6
other arts and humanities	0.4	0.5	0.3	0.7	1.0	0.9	1.2	0.4	0.6	0.6	0.8	0.5	0.6	0.7
BIOLOGICAL SCIENCES														
biology (general)	1.7	1.6	2.2	2.6	1.8	3.4	5.1	2.5	3.5	4.7	2.4	2.8	4.5	3.1
biochemistry or biophysics	0.3	0.3	0.7	0.4	0.4	0.7	1.3	0.4	0.5	1.0	0.3	0.8	0.7	0.6
botany	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1
marine (life) science	0.6	0.6	0.7	0.3	0.9	0.7	0.8	0.4	0.9	1.2	0.5	0.6	0.3	0.6
microbiology or bacteriology	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.0	0.1	0.1
zoology	0.4	0.3	0.2	0.1	0.2	0.3	0.4	0.3	0.4	0.4	0.0	0.2	0.2	0.3
other biological sciences	0.6	0.4	0.4	0.3	0.8	0.6	0.8	0.5	0.7	0.6	0.5	0.6	0.4	0.5
BUSINESS														
accounting	7.0	9.0	2.2	4.0	5.6	3.2	0.6	5.6	4.7	3.0	5.8	8.6	8.3	4.7
business admin (general)	5.3	5.9	2.1	5.2	6.0	4.9	2.5	7.2	6.5	5.0	7.0	5.4	6.4	5.7
finance	1.5	2.0	0.8	1.0	1.4	2.5	0.9	1.3	1.8	1.3	1.6	2.1	3.2	1.6
marketing	3.5	3.4	0.8	2.6	3.3	2.9	0.9	2.5	2.5	1.9	3.6	3.1	4.7	2.7
management	5.0	4.9	3.3	3.9	4.5	4.4	1.7	4.2	3.2	2.7	4.9	4.9	4.4	3.9
secretarial studies	0.6	0.1	0.0	0.1	0.0	0.0	0.0	0.4	0.1	0.0	0.1	0.0	0.0	0.1
other business	1.1	1.0	0.5	1.0	1.7	1.8	0.7	1.2	1.7	1.4	1.8	1.9	2.1	1.4
EDUCATION														
business education	0.4	0.3	0.0	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.0	0.2
elementary education	8.2	8.2	5.6	4.4	4.6	2.3	0.7	8.3	6.0	2.9	8.5	6.4	3.3	5.1
music or art education	0.7	0.9	1.3	0.8	0.4	0.1	0.1	1.0	0.6	0.7	0.7	0.7	0.1	0.6
physical education or recreation	1.8	1.7	0.2	0.8	1.3	0.1	0.1	2.5	0.9	0.4	0.8	0.7	0.2	1.0
secondary education	3.0	3.2	2.1	1.3	2.1	1.2	0.9	3.7	2.8	2.4	2.8	2.5	2.2	2.3
special education	1.2	1.4	1.2	0.4	0.7	0.2	0.2	0.7	0.9	0.3	1.6	0.6	0.5	0.6
other education	0.5	0.6	0.6	0.5	0.3	0.2	0.2	0.7	0.5	0.2	0.6	0.3	0.2	0.4
ENGINEERING														
aeronautical/astronautical eng.	0.5	0.6	8.6	6.5	0.3	0.3	1.1	0.4	0.3	0.5	0.4	0.4	0.3	1.6
civil engineering	0.7	0.8	3.5	0.3	0.5	0.4	1.2	0.4	0.7	0.6	0.1	0.1	1.1	0.5
chemical engineering	0.5	0.3	3.0	0.4	0.1	0.3	0.8	0.5	0.3	0.5	0.2	0.3	0.5	0.4
electrical engineering	1.6	1.1	7.4	2.3	1.7	3.2	2.4	0.7	0.8	1.1	0.4	0.5	1.2	1.5
industrial engineering	0.4	0.2	1.3	0.2	0.4	0.5	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.2
mechanical engineering	1.1	1.1	5.8	1.4	1.8	5.0	1.9	0.4	0.9	0.9	0.3	0.5	1.0	1.4
other engineering	1.3	0.5	4.8	1.0	1.8	1.2	1.2	0.4	0.6	0.7	0.2	0.3	0.3	0.8

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1990

PROBABLE MAJOR FIELD OF STUDY	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
PHYSICAL SCIENCES														
astronomy	0.1	0.1	0.1	0.0	0.0	0.1	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.1
atmospheric science	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
chemistry	0.5	0.7	1.1	0.7	0.7	1.3	1.7	0.7	1.0	1.7	0.5	1.0	1.1	1.0
earth science	0.2	0.3	0.1	0.1	0.2	0.3	0.6	0.2	0.2	0.3	0.1	0.1	0.1	0.2
marine science	0.2	0.2	0.3	0.1	0.2	0.2	0.2	0.1	0.2	0.5	0.1	0.1	0.1	0.2
mathematics	0.4	0.7	1.5	0.8	0.7	1.0	1.7	0.8	0.9	1.6	0.8	1.2	1.7	1.0
physics	0.3	0.3	1.2	0.4	0.5	0.8	2.0	0.1	0.7	1.1	0.1	0.3	0.7	0.6
statistics	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
other physical sciences	0.1	0.1	0.2	0.3	0.2	0.1	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1
PROFESSIONAL														
architecture or urban planning	0.6	0.3	2.3	0.6	0.2	0.9	0.3	0.5	0.5	0.4	0.6	0.3	0.4	0.5
home economics	0.6	0.1	0.3	0.2	0.1	0.1	0.0	0.3	0.0	0.1	0.1	0.6	0.0	0.2
health technology (med,dent,lab)	0.9	0.5	0.4	0.4	0.6	0.7	0.6	0.7	0.8	0.9	0.6	0.7	0.6	0.6
library or archival science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	3.7	2.8	0.7	2.0	0.8	0.8	0.0	2.7	1.7	1.1	4.3	2.3	1.9	1.8
pharmacy	0.8	0.3	0.1	0.9	0.2	1.3	0.0	0.7	0.2	0.2	0.4	0.3	0.2	0.6
predent, premed, prevet	2.4	1.9	2.2	2.9	2.7	4.5	3.8	2.9	5.1	6.9	3.1	3.8	5.2	3.8
therapy (occup,phys,speech)	2.2	3.4	0.9	1.0	3.1	1.5	0.4	2.4	2.6	1.8	1.8	1.8	1.8	1.8
other professional	1.2	1.0	0.4	1.8	1.4	1.0	0.6	1.2	1.3	1.6	1.9	1.4	1.0	1.3
SOCIAL SCIENCES														
anthropology	0.1	0.2	0.1	0.1	0.1	0.5	0.9	0.1	0.1	0.3	0.1	0.1	0.1	0.2
economics	0.2	0.4	0.4	0.3	0.3	1.4	2.9	0.2	0.6	1.1	0.1	0.6	0.9	0.7
ethnic studies	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.1	0.1	0.0	0.1	0.0	0.1
geography	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0
political science	2.1	2.4	4.2	3.8	2.8	6.0	10.4	2.6	5.4	7.9	3.0	4.6	5.5	4.7
psychology	4.3	4.8	3.1	5.3	4.8	5.2	5.1	5.6	5.8	5.9	6.2	6.1	5.5	5.5
social work	1.5	0.7	0.2	1.3	1.0	0.5	0.4	1.5	1.3	0.9	1.4	1.1	0.6	1.1
sociology	0.7	0.4	0.3	0.5	0.3	0.4	0.8	0.5	0.6	0.7	0.4	0.6	0.6	0.5
women's studies	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social sciences	0.3	0.3	0.1	0.2	0.2	0.2	0.4	0.4	0.3	0.4	0.2	0.3	0.2	0.3
TECHNICAL														
building trades	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
data processing or computer prog	1.3	0.7	0.6	1.0	1.1	0.2	0.3	0.8	0.3	0.2	0.6	0.5	0.2	0.6
drafting or design	0.4	0.2	0.1	0.1	0.2	0.4	0.0	0.1	0.0	0.0	0.9	0.2	0.0	0.2
electronics	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
mechanics	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
other technical	0.2	0.1	0.1	0.4	0.3	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1
OTHER FIELDS														
agriculture	1.0	0.1	0.0	0.3	0.2	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.2
communications	3.2	3.1	1.5	3.3	6.8	2.0	0.6	4.0	2.5	1.8	3.3	3.1	3.6	3.2
computer science	2.5	1.7	2.3	2.2	1.9	1.1	0.9	1.9	1.1	0.8	1.6	1.4	0.9	1.5
forestry	0.4	0.1	0.2	0.1	0.1	0.1	0.1	0.3	0.1	0.2	0.0	0.1	0.1	0.1
law enforcement	2.2	2.4	0.5	1.2	1.0	0.3	0.1	1.4	1.1	0.4	3.5	1.1	0.8	1.1
military science	0.2	0.1	0.6	0.3	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.2	0.2	0.1
other field	1.2	0.8	0.5	6.0	2.9	0.9	0.7	2.3	1.0	0.9	2.4	1.3	0.5	2.4
undecided	6.8	8.1	7.4	6.0	6.5	7.7	13.4	6.0	9.0	9.6	6.4	8.1	7.4	7.5

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1990

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Father's Education														
grammar school or less	4.6	2.5	1.9	4.0	2.7	2.4	1.8	3.8	2.2	1.5	7.8	3.6	3.3	3.3
some high school	9.0	5.8	4.4	7.0	4.2	3.7	2.0	7.8	3.7	3.1	8.4	4.9	4.0	5.4
high school graduate	33.5	28.1	18.2	23.6	21.6	17.1	7.2	26.6	18.6	14.1	28.0	24.2	16.5	20.9
postsecondary other than college	6.5	5.9	5.0	5.0	4.3	4.2	2.1	5.4	4.0	4.0	5.1	6.5	5.0	4.7
some college	17.4	16.9	14.9	17.1	14.7	12.3	7.5	17.5	14.5	11.7	15.8	15.1	12.8	14.7
college degree	17.6	23.2	28.1	22.2	26.5	25.4	22.7	21.1	25.1	24.9	17.9	23.2	26.3	23.1
some graduate school	1.7	2.6	3.7	2.6	3.2	3.9	5.2	2.3	4.0	5.0	2.3	3.5	3.9	3.3
graduate degree	9.8	14.9	23.8	18.5	22.9	31.0	51.4	15.5	28.0	35.6	14.8	19.1	28.4	24.6
Father's Occupation (5)														
artist (including performer)	0.4	0.8	0.7	1.0	1.1	1.5	2.3	0.7	1.0	0.9	1.2	0.9	0.8	1.1
business	23.0	29.2	29.3	29.6	36.8	36.2	33.1	25.7	33.1	33.9	29.8	32.3	38.1	31.6
clergy or religious worker	1.2	0.5	0.8	2.7	1.2	1.0	1.0	5.5	3.4	3.1	0.2	0.3	0.3	2.5
college teacher or administrator	0.6	0.5	0.9	0.7	1.3	1.3	4.1	0.8	1.3	2.4	0.5	0.9	0.8	1.3
doctor or dentist	0.7	1.2	1.7	2.3	2.8	5.0	9.7	1.5	3.8	6.0	1.9	2.9	4.4	3.6
education (secondary)	3.6	4.6	5.8	3.3	4.3	4.4	4.9	4.1	5.0	5.9	2.9	4.2	4.7	4.2
education (elementary)	0.7	1.4	1.5	1.1	1.1	1.3	1.0	0.7	1.5	1.4	0.6	1.4	1.2	1.1
engineer	6.5	8.5	11.2	6.9	7.3	7.6	6.7	5.8	6.1	6.7	5.6	6.3	7.1	6.6
farmer or forester	5.1	1.5	1.6	1.7	1.9	1.0	0.8	3.6	3.5	2.1	2.6	2.3	0.9	2.2
health professional (non-M.D.)	1.1	1.0	1.4	1.3	1.5	1.4	1.3	1.0	1.4	1.3	1.2	1.2	1.0	1.2
lawyer	0.5	0.8	1.2	1.3	2.0	3.7	7.8	1.3	3.1	3.9	2.0	2.0	4.2	2.7
military (career)	3.0	1.6	3.9	1.8	1.1	1.1	0.9	2.5	1.3	1.1	2.0	1.4	0.9	1.6
research scientist	0.2	0.4	0.7	0.5	0.5	0.9	1.7	0.2	0.6	1.0	0.4	0.5	0.5	0.6
skilled worker	11.1	11.9	8.9	9.2	7.6	7.3	3.6	9.1	7.3	6.0	9.0	8.5	7.3	7.8
semi-skilled worker	5.1	4.4	3.0	3.4	2.9	3.0	1.4	4.3	3.1	2.5	4.1	4.0	2.4	3.3
laborer (unskilled)	4.6	3.2	1.8	2.7	1.7	2.0	1.1	3.1	1.7	1.3	3.6	2.8	1.7	2.3
unemployed	3.1	1.9	1.2	3.2	2.1	1.9	1.3	2.9	1.6	1.6	3.2	1.9	1.8	2.4
other	29.7	26.8	24.2	27.4	22.7	19.5	17.2	27.2	21.3	18.8	29.3	26.3	21.9	23.9
Father's Religious Preference														
Baptist	34.5	8.6	11.0	25.5	8.5	6.6	3.1	40.0	10.1	9.8	5.2	3.1	1.8	16.9
Buddhist	0.2	0.2	0.8	0.5	0.4	0.9	1.7	0.4	0.3	0.5	0.2	0.6	0.2	0.6
Congregational	1.0	1.1	1.2	2.2	1.5	2.0	3.4	0.9	1.4	1.3	0.5	0.3	0.5	1.5
Eastern Orthodox	0.2	0.6	0.5	0.5	0.9	1.3	1.2	0.2	0.6	0.6	0.7	0.8	0.9	0.7
Episcopal	1.4	2.1	2.8	2.5	3.2	5.5	7.2	2.2	5.0	6.9	1.3	1.7	1.0	3.5
Islamic	0.4	0.2	0.6	1.1	0.3	0.9	1.2	0.3	0.3	0.5	0.5	0.4	0.3	0.6
Jewish	0.5	2.7	2.3	2.5	4.4	5.8	11.5	0.4	1.3	2.5	0.7	0.6	0.6	2.9
LDS (Mormon)	0.3	0.3	0.6	0.3	0.4	0.2	0.3	0.3	0.4	0.1	0.1	0.2	0.0	0.3
Lutheran	7.8	9.7	5.3	3.4	4.7	5.1	4.3	3.4	7.1	18.3	3.5	5.0	4.5	5.2
Methodist	11.3	7.6	9.7	7.1	8.4	7.2	4.6	10.8	13.3	10.7	4.1	3.3	2.3	7.8
Presbyterian	3.4	4.6	5.8	5.0	6.0	7.3	6.8	5.6	11.0	9.9	2.7	2.9	1.8	6.0
Quaker	0.2	0.1	0.2	0.2	0.2	0.3	0.7	0.3	0.3	0.8	0.4	0.1	0.3	0.3
Roman Catholic	21.0	43.8	39.9	24.5	40.8	34.8	27.0	11.4	21.0	20.9	67.4	70.9	78.4	32.4
Seventh Day Adventist	0.3	0.2	0.3	0.5	0.2	0.3	0.2	0.3	0.1	0.1	0.1	0.2	0.2	0.3
other Protestant	3.5	5.2	6.3	8.6	6.7	5.9	5.3	5.3	15.3	5.3	3.2	2.8	1.9	6.4
other religion	5.6	3.3	3.1	5.5	3.8	4.0	4.0	10.5	5.3	3.2	2.5	1.4	1.2	5.3
none	8.3	9.8	9.8	10.1	9.5	12.0	17.4	7.5	7.4	8.6	6.9	5.7	4.1	9.2

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1990

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Mother's Education														
grammar school or less..........	2.9	2.1	1.6	2.7	2.4	2.0	1.8	2.4	1.5	1.4	6.8	2.9	2.8	2.5
some high school...............	7.4	4.0	3.3	5.1	3.0	2.9	1.7	6.2	2.7	1.8	7.5	3.7	2.9	4.2
high school graduate............	36.7	37.7	26.9	28.3	28.5	23.3	10.6	31.7	25.3	19.8	33.3	32.3	25.7	26.6
postsecondary other than college	8.7	9.3	8.8	7.3	7.0	7.9	5.0	7.8	6.8	6.6	7.5	8.7	9.1	7.4
some college..................	19.1	18.4	17.7	20.0	18.3	15.4	12.1	20.4	17.7	16.2	18.0	16.9	15.3	17.8
college degree.................	15.7	17.8	24.7	22.2	24.4	26.4	32.4	20.0	27.0	29.4	15.9	20.7	25.0	23.8
some graduate school...........	2.0	2.9	3.9	2.8	3.7	5.0	7.2	2.3	4.5	6.3	2.0	4.4	4.9	3.9
graduate degree................	7.4	7.8	13.1	11.6	12.7	17.0	29.2	9.2	14.4	18.5	9.0	10.5	14.2	13.8
Mother's Career (5)														
artist (including performer)....	0.9	1.1	1.0	1.9	2.2	3.1	4.9	1.3	2.0	2.3	1.7	1.1	1.5	2.1
business......................	14.2	12.9	13.6	15.3	15.2	15.8	13.9	13.2	13.2	13.5	14.0	13.0	12.2	14.1
business (clerical)............	11.1	12.9	11.4	9.9	10.3	7.9	5.4	9.8	9.1	7.8	9.5	9.4	9.0	9.0
clergy or religious worker......	0.1	0.1	0.2	0.3	0.1	0.3	0.3	0.6	0.4	0.5	0.0	0.1	0.2	0.3
college teacher or administrator	0.3	0.3	0.6	0.4	0.4	0.9	2.4	0.4	0.8	1.4	0.3	0.6	0.7	0.7
doctor or dentist..............	0.3	0.3	0.4	0.4	0.4	0.9	1.7	0.3	0.4	0.6	0.3	0.4	0.4	0.5
education (secondary)..........	3.8	3.7	6.4	4.8	4.8	5.4	7.4	5.4	5.8	7.3	3.1	4.0	4.8	5.3
education (elementary)..........	7.1	7.4	9.4	8.3	8.3	8.0	9.1	8.4	9.9	11.5	6.7	7.8	9.8	8.6
engineer......................	0.2	0.2	0.2	0.3	0.2	0.3	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.2
farmer or forester.............	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.3	0.3	0.5	0.2	0.3
health professional (non-M.D.)..	2.1	2.2	2.0	1.8	2.3	2.0	2.6	2.0	1.9	2.5	1.4	2.4	1.6	2.0
homemaker (full-time)..........	12.3	13.8	15.1	13.5	15.8	16.7	15.5	15.3	17.8	17.3	15.4	17.2	20.2	15.9
lawyer........................	0.2	0.1	0.2	0.3	0.3	0.5	1.4	0.1	0.4	0.3	0.1	0.3	0.4	0.4
nurse.........................	7.6	7.7	8.5	8.6	7.4	7.4	5.9	7.3	8.4	6.9	9.2	9.4	10.3	7.9
research scientist.............	0.0	0.1	0.2	0.1	0.2	0.1	0.6	0.0	0.1	0.2	0.1	0.1	0.1	0.2
social/welfare/recreation worker	1.5	1.3	1.2	1.6	1.5	1.7	2.7	1.8	1.7	2.0	1.2	1.4	1.5	1.7
skilled worker.................	2.6	2.3	2.3	2.0	1.6	1.5	1.3	2.4	1.9	1.4	1.9	1.7	1.6	1.8
semi-skilled worker............	3.1	3.0	2.5	2.4	2.2	1.9	1.2	3.0	1.9	1.8	2.3	2.1	1.8	2.2
laborer (unskilled)............	2.6	2.1	1.4	1.4	1.1	1.3	0.7	2.0	1.0	0.9	1.7	1.4	1.1	1.4
unemployed....................	5.8	4.9	4.4	5.5	4.9	5.7	4.5	5.4	4.2	4.0	6.3	6.4	4.6	5.2
other.........................	23.8	23.3	19.0	21.0	20.5	18.3	17.9	21.1	18.4	17.1	24.2	20.7	17.7	19.9
Mother's Religious Preference														
Baptist.......................	35.6	8.7	11.0	26.7	9.0	7.1	3.0	41.7	10.2	9.8	5.2	3.4	2.0	17.7
Buddhist......................	0.2	0.3	0.9	0.5	0.5	0.9	1.6	0.4	0.3	0.5	0.3	0.5	0.3	0.6
Congregational.................	1.2	1.2	1.2	2.4	1.7	2.2	3.7	0.9	1.4	1.6	0.8	0.4	0.3	1.6
Eastern Orthodox...............	0.2	0.6	0.5	0.5	0.8	1.2	1.1	0.2	0.6	0.5	0.4	0.6	0.8	0.6
Episcopal.....................	1.6	2.3	3.3	2.8	3.4	5.8	8.2	2.5	5.3	7.6	1.6	2.1	1.4	3.9
Islamic.......................	0.2	0.2	0.5	0.7	0.2	0.8	1.0	0.2	0.2	0.4	0.3	0.2	0.3	0.5
Jewish........................	0.4	2.6	2.1	2.2	3.9	5.4	10.7	0.4	0.9	2.2	0.6	0.4	0.3	2.6
LDS (Mormon)..................	0.3	0.3	0.7	0.3	0.3	0.3	0.3	0.4	0.4	0.2	0.0	0.1	0.0	0.3
Lutheran......................	7.6	10.1	6.0	3.6	5.0	4.9	4.6	3.5	7.3	18.5	3.4	4.6	4.2	5.3
Methodist.....................	12.3	8.2	10.4	8.5	8.9	7.6	5.1	11.4	14.3	11.5	4.4	3.3	2.2	8.5
Presbyterian..................	3.5	4.8	5.9	5.3	6.6	7.7	7.5	5.5	11.6	10.2	3.3	2.4	1.7	6.2
Quaker........................	0.2	0.1	0.2	0.2	0.2	0.3	0.8	0.3	0.3	0.9	0.6	0.2	0.2	0.4
Roman Catholic................	21.4	45.3	41.4	25.3	42.6	36.9	29.4	12.1	21.4	21.6	68.7	74.2	81.5	33.8
Seventh Day Adventist..........	0.3	0.2	0.3	0.5	0.2	0.2	0.2	0.3	0.2	0.0	0.3	0.2	0.2	0.3
other Protestant...............	3.7	5.1	6.4	9.0	6.8	6.3	5.5	5.6	15.6	5.6	3.4	2.8	1.5	6.6
other religion.................	6.5	3.7	3.3	6.2	4.0	4.4	4.5	11.1	5.8	3.7	3.0	1.8	1.4	5.8
none..........................	4.7	6.1	5.9	5.4	5.9	8.0	12.7	3.7	4.1	5.1	3.7	2.9	1.7	5.4

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1990

	4-YEAR PUBLIC COLLEGES Selectivity Level			4-YEAR PRIVATE NON-SECTARIAN COLLEGES Selectivity Level				4-YEAR OTHER SECTARIAN COLLEGES Selectivity Level			4-YEAR CATHOLIC COLLEGES Selectivity Level			ALL PRIVATE 4-YEAR COLLEGES
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Reasons Noted as Very Important in Selecting This College														
relatives wanted me to come.....	11.0	7.0	8.8	9.2	6.5	6.7	5.3	10.6	8.7	7.0	8.0	9.8	8.8	8.5
advice of teacher...............	4.3	3.9	4.3	4.1	4.3	4.3	5.1	4.6	3.6	3.9	4.3	4.5	4.0	4.3
good academic reputation........	40.8	53.4	77.9	60.4	63.0	67.0	77.9	47.0	64.7	73.9	51.9	62.8	74.2	61.4
good social reputation..........	22.1	20.2	17.6	22.9	23.7	20.6	23.0	23.6	26.2	22.0	20.3	26.5	30.5	23.6
offered financial assistance....	28.4	16.5	23.1	34.0	38.2	33.2	29.7	45.8	45.5	42.4	42.1	45.3	35.3	39.3
offers special programs.........	21.7	20.2	24.2	33.9	24.9	25.9	22.6	25.1	23.0	23.4	26.6	23.0	18.4	25.9
low tuition.....................	32.7	33.8	36.4	13.0	4.8	4.1	1.8	9.5	4.6	3.4	9.3	6.9	6.2	7.4
advice of guidance counselor....	7.8	7.2	6.9	7.4	6.9	7.0	7.8	7.3	5.5	5.9	8.5	8.2	5.9	7.1
wanted to live near home........	22.7	21.2	11.3	11.1	13.2	11.7	5.9	17.9	12.1	9.6	20.7	19.9	16.0	13.8
friend suggested attending......	11.7	8.4	5.4	9.0	7.5	6.1	5.0	11.0	7.9	6.1	9.5	8.4	7.2	8.3
recruited by college rep........	4.7	2.7	3.2	6.8	5.1	4.8	3.4	12.5	10.7	6.9	11.7	8.8	4.0	8.0
recruited by athletic department	6.0	4.6	6.2	4.8	7.2	7.0	5.4	13.2	12.5	8.7	9.1	8.8	5.4	8.6
graduates go to top grad schools	16.5	18.8	35.3	27.5	27.6	35.8	41.2	21.6	32.1	42.8	21.8	29.7	37.2	30.0
graduates get good jobs.........	37.0	40.0	60.5	49.6	53.2	52.6	44.3	37.8	49.1	52.6	43.0	52.2	57.9	47.6
religious affiliation of college	3.2	1.5	1.3	17.7	8.7	3.6	1.2	27.7	16.0	10.9	12.2	13.1	15.7	15.0
size of college.................	40.5	36.2	28.4	44.1	47.7	50.3	57.1	55.3	58.9	59.0	55.3	56.0	56.3	52.8
Students Estimate Chances Are Very Good That They Will														
change major field..............	11.9	14.8	15.0	10.5	12.0	15.0	25.4	11.3	15.5	17.4	10.0	14.6	16.8	13.9
change career choice............	10.6	13.3	13.3	9.1	11.3	15.1	27.7	10.2	15.5	18.5	9.4	13.8	16.6	13.5
fail one or more courses........	1.6	1.3	1.4	1.3	0.9	1.2	1.4	1.9	1.1	1.2	1.2	1.5	0.9	1.4
graduate with honors............	13.0	12.0	17.0	17.0	14.8	17.0	16.0	15.5	15.3	17.4	12.0	14.6	14.7	15.7
be elected to student office....	4.0	3.1	4.0	5.7	4.1	5.0	4.1	5.6	4.3	3.9	4.9	4.8	4.7	5.0
get job to pay expenses.........	35.1	41.2	31.1	32.1	40.7	39.0	41.0	33.3	39.0	38.8	37.7	40.9	38.3	36.8
work full-time while attending..	4.6	3.8	2.6	2.7	2.1	2.8	1.1	3.8	1.8	1.4	3.9	2.6	1.7	2.7
join social frat or sorority....	20.0	17.1	22.0	19.2	21.5	25.2	18.5	22.7	25.8	23.9	16.0	19.8	20.2	21.5
play varsity athletics..........	14.8	16.2	20.5	18.1	21.5	24.6	26.4	25.2	26.7	26.7	20.1	22.3	22.3	23.2
be elected to an honor society..	8.1	6.8	12.4	11.6	9.9	11.4	11.1	10.7	11.1	13.2	8.3	9.8	10.7	10.9
make at least "B" average.......	36.0	41.4	47.6	45.5	46.1	49.4	50.0	39.9	46.1	48.6	37.5	45.5	49.8	45.1
need extra time for degree......	9.3	9.5	9.3	9.5	6.1	5.4	4.0	9.0	7.3	5.2	7.2	7.9	6.8	7.4
get tutoring in some courses....	18.9	14.6	14.7	21.0	12.5	13.5	13.3	17.9	14.3	13.3	20.3	14.9	16.3	16.4
work at outside job.............	20.6	25.2	12.5	16.4	14.8	13.9	11.2	15.7	16.9	11.6	22.6	20.4	17.5	15.8
seek vocational counseling......	5.0	4.9	4.9	5.9	4.4	5.5	10.5	5.4	6.0	7.2	4.8	6.0	7.5	6.1
seek individual counseling......	4.2	3.9	4.0	5.9	3.8	4.1	5.7	5.5	3.9	4.3	5.1	5.4	4.5	5.0
get bachelor's degree...........	69.8	77.8	84.4	77.3	76.6	80.9	85.8	71.2	76.9	81.0	71.2	74.3	77.3	76.6
participate in student protests.	7.0	6.9	6.4	10.2	8.3	11.1	20.6	8.0	7.7	11.4	8.0	8.9	7.4	10.0
drop out temporarily............	1.4	0.9	0.7	1.3	0.7	1.1	1.4	1.7	1.2	0.7	1.2	1.2	0.8	1.2
drop out permanently............	1.1	0.9	0.6	1.1	0.6	0.6	0.5	1.5	0.8	0.5	1.1	1.0	0.6	0.9
transfer to another college.....	15.0	10.2	5.4	8.5	5.9	5.7	3.8	14.1	8.7	5.0	12.0	8.1	5.4	8.6
be satisfied with college.......	46.0	47.6	57.8	55.5	56.4	57.4	65.2	50.6	56.2	61.5	48.7	52.5	61.3	55.7
find job in own field...........	72.1	70.6	75.6	71.7	71.9	66.9	56.2	70.1	69.1	66.2	70.8	67.3	69.4	68.6
marry while in college..........	7.6	5.0	3.0	5.1	3.8	3.1	1.8	7.3	5.2	3.4	6.7	4.4	3.0	4.8
participate in volunteer/com svc	12.9	12.0	16.7	21.2	19.3	19.1	31.7	19.7	22.9	25.0	18.8	19.0	22.8	21.5

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1990

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
SOURCES FOR EDUCATIONAL EXPENSES	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Received Any Aid From														
parents or family..............	77.0	76.0	70.1	86.6	89.5	89.7	92.9	82.4	87.9	89.0	81.5	84.3	89.6	86.8
spouse.........................	1.5	0.6	0.3	0.7	0.8	0.4	0.3	1.3	0.6	0.4	1.3	0.5	0.5	0.8
savings from summer work........	51.0	58.4	48.4	52.1	63.9	61.8	64.1	48.8	61.9	62.8	55.7	64.5	69.0	57.8
other savings..................	28.9	32.0	28.9	30.0	36.9	34.8	36.8	27.6	35.1	35.9	30.3	36.9	38.2	32.8
part-time job on campus.........	19.1	18.4	13.7	29.6	37.9	30.7	35.0	30.6	32.8	34.7	35.4	35.4	29.2	32.4
part-time job off campus........	23.7	23.2	11.1	17.6	15.1	12.4	7.0	16.6	16.3	9.9	24.8	21.1	17.0	15.7
full-time job while at college..	2.8	2.0	1.1	2.2	1.4	2.4	0.4	1.9	0.8	0.5	2.2	1.6	0.9	1.6
Pell Grant.....................	29.3	12.8	10.2	28.1	21.2	17.9	12.2	33.9	22.3	17.3	31.2	25.7	18.3	24.7
Supp Educational Oppty Grant....	6.4	4.5	3.3	10.5	7.9	8.7	5.7	10.5	10.4	9.0	12.7	10.8	6.4	9.5
state scholarship or grant......	13.6	13.8	25.3	16.8	23.0	20.6	12.7	28.3	27.2	22.3	21.6	27.5	23.3	22.4
College Work-Study Grant........	10.3	5.9	4.2	18.2	22.5	20.6	19.7	22.9	20.1	24.4	31.1	24.6	21.8	21.9
other college grant............	22.8	16.3	16.5	32.6	44.9	38.9	36.6	45.2	53.7	51.2	37.4	47.9	40.4	42.0
other private grant............	8.1	8.9	14.3	13.7	15.3	15.1	17.2	15.8	19.8	18.1	14.2	15.5	13.9	15.7
other govt aid (ROTC,BIA,GI,etc)	3.4	1.5	16.1	3.9	2.4	1.1	0.9	2.1	1.2	0.9	2.4	2.1	1.6	2.1
Stafford/Guaranteed Student Loan	20.5	12.7	10.0	28.7	34.4	33.3	29.8	37.0	35.5	32.0	33.4	39.0	35.5	33.6
Perkins Loan...................	6.3	4.1	5.4	12.8	16.3	12.6	10.1	10.7	14.4	15.4	11.7	16.9	13.1	12.9
other college loan.............	5.7	4.1	3.5	8.7	8.3	7.2	7.2	7.7	8.4	6.1	8.0	7.9	6.5	7.7
other loan.....................	6.1	4.7	4.0	8.6	7.7	6.8	6.1	6.6	7.7	6.3	7.0	7.4	7.1	7.2
other..........................	3.3	2.7	3.4	3.8	3.6	2.8	2.6	3.5	4.0	3.4	3.4	3.7	3.0	3.4
Received $1,500 or More From														
parents or family..............	42.5	53.3	52.4	62.7	74.8	76.0	84.8	54.1	69.7	74.4	57.4	64.9	77.2	67.0
spouse.........................	0.3	0.2	0.1	0.2	0.3	0.3	0.1	0.5	0.3	0.2	0.4	0.2	0.2	0.3
savings from summer work........	4.5	9.0	6.5	6.2	11.1	12.3	11.9	4.6	9.7	9.4	7.6	11.2	15.0	8.8
other savings..................	4.1	5.9	6.0	6.1	9.8	9.1	11.5	4.4	9.1	9.3	4.8	8.4	9.8	7.5
part-time job on campus.........	0.8	0.6	0.3	2.1	3.2	1.9	1.9	1.9	1.4	1.6	2.4	3.6	3.9	2.2
part-time job off campus........	1.1	1.4	0.7	1.5	1.3	1.1	0.4	1.1	1.2	0.7	2.1	1.8	1.5	1.2
full-time job while at college..	0.6	0.5	0.6	0.6	0.4	1.7	0.1	0.6	0.2	0.2	0.4	0.3	0.4	0.6
Pell Grant.....................	9.0	3.5	2.6	10.5	8.5	7.0	5.9	12.4	8.8	7.4	11.4	9.8	7.4	9.5
Supp Educational Oppty Grant....	0.8	0.6	0.4	2.7	2.6	2.3	2.6	2.4	3.3	3.3	2.6	3.2	1.9	2.7
state scholarship or grant......	2.5	2.8	4.5	5.2	7.7	8.3	4.8	9.8	10.6	10.7	6.6	10.6	7.7	8.1
College Work-Study Grant........	1.0	0.6	0.2	3.4	3.8	2.6	2.2	2.2	1.8	2.1	2.4	3.5	4.5	2.8
other college grant............	5.2	4.9	6.5	19.6	33.0	30.6	32.3	25.0	35.2	39.8	21.6	30.8	28.8	28.0
other private grant............	1.6	1.8	3.3	4.1	5.1	5.3	7.4	3.8	5.7	6.6	2.7	4.8	4.5	4.8
other govt aid (ROTC,BIA,GI,etc)	1.5	0.8	15.5	2.7	1.7	0.6	0.7	0.9	0.6	0.6	1.1	1.1	1.1	1.2
Stafford/Guaranteed Student Loan	11.2	6.5	4.8	18.8	23.3	23.3	22.3	23.8	22.8	21.3	20.5	24.4	24.2	22.3
Perkins Loan...................	1.0	0.8	0.8	3.7	6.1	3.8	5.0	2.8	3.9	5.3	3.6	5.2	4.1	4.1
other college loan.............	2.9	2.0	1.8	5.3	5.2	4.8	5.5	4.2	4.3	3.6	4.9	4.9	4.3	4.7
other loan.....................	3.2	2.6	2.3	5.9	5.4	4.8	5.0	4.0	4.7	4.5	4.2	4.9	5.1	4.9
other..........................	1.2	0.9	1.5	1.7	2.0	1.5	1.6	1.7	1.9	2.0	1.9	2.1	1.7	1.8

WEIGHTED NATIONAL NORMS FOR FOUR-YEAR COLLEGES, FALL 1990

	4-YEAR PUBLIC COLLEGES			4-YEAR PRIVATE NON-SECTARIAN COLLEGES				4-YEAR OTHER SECTARIAN COLLEGES			4-YEAR CATHOLIC COLLEGES			ALL PRIVATE 4-YEAR COLLEGES
	Selectivity Level			Selectivity Level				Selectivity Level			Selectivity Level			
	Low	Medium	High	Low	Medium	High	Very High	Low	Medium	High	Low	Medium	High	
Objectives Considered to Be Essential or Very Important														
achieve in a in performing art..	11.2	12.0	9.2	14.0	12.7	13.7	17.4	13.7	13.5	14.7	12.5	12.9	9.7	13.7
become authority in my own field	68.5	65.4	64.2	67.1	65.2	65.2	64.0	63.6	63.6	64.6	64.5	64.5	62.5	64.7
obtain recog from colleagues....	57.5	56.7	54.6	55.6	57.8	55.6	52.6	52.7	54.1	52.6	58.8	57.6	55.3	54.9
influence political structure...	21.6	18.8	20.5	24.3	20.0	23.4	30.0	23.1	23.4	25.4	23.5	24.9	23.2	24.0
influence social values.........	45.6	43.3	39.8	49.8	43.9	43.2	48.0	51.8	49.2	47.4	50.9	49.8	48.1	48.7
raise a family..................	68.5	70.8	72.2	68.8	69.5	70.0	67.7	72.1	74.4	70.8	69.6	71.2	77.9	70.9
have admin responsibility.......	46.8	43.9	41.6	42.7	40.7	38.9	28.7	42.5	40.1	35.0	44.7	43.8	42.9	40.4
be very well off financially....	77.1	73.1	67.6	72.3	69.5	67.7	52.8	66.2	64.5	59.6	71.9	72.4	71.0	67.1
help others in difficulty.......	64.8	61.8	59.5	65.9	63.6	60.1	62.8	69.8	66.3	65.6	71.0	65.4	65.4	65.9
theoretical contrib to science..	17.6	14.5	22.3	18.4	15.7	19.0	20.4	15.4	16.9	17.7	16.5	15.3	15.9	17.1
write original works...........	11.9	12.7	11.9	13.7	14.4	17.0	23.5	13.8	15.4	17.0	12.6	15.9	13.2	15.3
create artistic work...........	11.1	11.9	10.2	13.5	15.7	18.1	16.4	11.9	12.9	12.2	13.9	13.5	9.1	13.7
be successful in own business...	45.2	40.2	30.8	43.3	43.8	42.3	29.5	43.2	37.9	34.4	44.4	41.5	39.8	40.8
be involved in environ cleanup..	32.6	33.5	37.2	33.9	36.7	40.4	48.8	34.0	37.6	42.9	35.5	38.5	37.7	37.6
develop philosophy of life......	43.0	41.5	45.0	46.3	44.8	48.7	61.5	46.6	47.4	51.9	42.3	46.3	48.0	48.1
participate in community action.	28.7	24.3	25.8	33.0	27.0	27.2	35.7	32.4	30.2	31.6	30.5	29.6	30.4	31.1
promote racial understanding....	42.9	38.1	39.4	49.2	39.3	43.7	55.9	44.8	41.9	45.0	46.6	42.7	43.8	45.6
keep up to date with politics...	40.4	41.0	49.5	48.8	45.5	53.5	65.6	44.0	52.1	55.7	42.8	47.3	52.9	49.8
Political Views														
far left.......................	2.2	1.7	1.0	2.7	1.6	2.3	3.5	1.8	1.4	1.9	2.1	1.5	0.9	2.1
liberal........................	21.5	22.7	22.1	24.8	24.7	28.9	42.3	20.0	24.3	29.2	22.7	25.8	22.2	25.6
middle of the road.............	57.0	57.1	49.9	49.0	51.1	45.8	36.5	49.2	48.3	44.5	56.2	52.4	51.0	48.2
conservative...................	18.1	17.4	25.3	21.8	21.1	21.8	16.4	27.3	24.7	22.9	17.5	18.9	24.6	22.6
far right......................	1.1	1.2	1.8	1.7	1.5	1.2	1.2	1.7	1.3	1.6	1.5	1.4	1.2	1.5
Agrees Strongly or Somewhat														
govt not protecting consumer....	71.3	69.0	61.2	71.7	68.4	66.1	66.5	70.2	65.0	66.7	68.5	68.2	66.8	68.5
govt not controlling pollution..	87.1	89.1	89.3	88.3	90.0	90.7	93.7	86.2	89.0	90.8	85.8	88.5	89.7	88.9
raise taxes to reduce deficit...	25.2	30.2	40.0	25.5	30.9	33.8	46.9	25.8	32.4	38.6	24.6	31.2	31.9	30.7
too much concern for criminals..	64.9	67.2	71.7	65.3	67.6	63.1	51.1	68.4	64.9	61.5	62.3	63.1	64.7	64.1
increase fed military spending..	27.5	20.2	28.8	28.0	19.4	18.6	11.5	30.7	21.9	18.8	23.0	19.3	18.2	23.0
abortion should be legal........	62.2	67.1	66.1	61.2	67.2	72.2	82.7	50.9	58.8	67.8	54.9	54.8	52.5	61.4
abolish death penalty...........	21.8	21.8	21.9	24.2	21.5	25.7	39.1	21.2	22.7	27.4	25.8	29.8	29.6	25.5
sex OK if people like each other	47.5	54.3	49.0	46.6	51.9	57.3	61.2	35.9	43.7	47.1	45.6	46.8	44.8	46.7
married women best at home......	27.0	22.5	20.8	27.6	23.0	21.1	13.3	30.6	23.1	18.7	23.6	23.3	22.1	24.3
marijuana should be legalized...	15.3	19.1	15.3	18.4	19.8	24.5	31.4	13.8	18.6	20.2	18.9	19.4	15.9	19.3
busing OK to achieve balance....	56.9	55.9	51.6	59.0	54.9	55.7	61.0	55.4	54.7	53.9	59.7	59.8	54.6	56.9
prohibit homosexual relations...	50.5	38.8	38.7	46.8	36.8	32.3	15.4	55.9	43.7	32.3	38.1	38.3	34.6	40.9
college increases earning power.	76.8	69.1	64.3	68.1	65.8	57.1	36.6	68.8	59.0	52.8	69.4	65.4	59.5	62.0
employers can require drug tests	83.6	79.8	83.3	80.9	79.3	74.9	66.8	84.2	81.2	78.7	77.4	78.3	79.2	79.1
control AIDS by mandatory tests.	69.5	65.6	63.3	65.0	64.2	58.6	44.4	66.5	61.4	55.1	67.9	63.9	61.8	61.9
man not entitled to sex on date.	86.4	87.8	90.0	86.0	89.5	88.1	92.2	87.0	88.1	90.9	87.0	87.0	89.1	88.0
fed govt do more control handgun	75.8	80.2	76.0	79.3	81.9	81.6	87.2	78.5	79.9	82.1	83.3	82.1	84.7	81.2
national health care plan needed	74.2	74.2	68.0	75.1	74.8	72.9	75.1	72.0	70.5	70.0	77.9	76.4	74.2	73.6
de-emphasize organized col sport	35.3	33.7	35.5	37.3	33.4	37.0	42.1	37.2	36.8	40.9	36.8	37.4	32.6	37.2
nuclear disarmament attainable..	59.5	63.5	59.2	57.9	60.8	61.2	64.7	56.5	60.3	61.5	62.2	62.7	60.7	59.9
publish all science findings....	52.7	53.2	51.9	54.5	51.5	54.3	53.4	51.4	51.3	52.6	53.0	53.3	52.3	52.8
students help evaluate faculty..	73.0	76.6	78.8	74.1	76.6	78.9	83.3	72.0	77.3	79.7	71.3	76.1	77.5	75.9
racial discrim no longer problem	21.0	19.3	19.1	16.9	16.7	15.9	9.3	19.6	17.3	14.4	19.0	19.0	13.6	16.7

Notes

1. Percentages will sum to more than 100 if any students check more than one category.
2. Because no Black two-year colleges participated in the 1990 survey, the associated Black enrollment is deflated in the two-year college norms and inflated in the four-year college norms.
3. Based on the curriculum recommendations of the National Commission on Excellence in Education.
4. Frequently only on this item, all other items in this group reflect responses for frequently or occasionally.
5. Students who applied to no other college (i.e. who applied to only one college) are not included in this item.
6. Recategortization of this item from a longer list shown in Appendix C.
7. Comparisons with the previous years not recommended due to change in item order.

Appendix A

Research Methodology

APPENDIX A

RESEARCH METHODOLOGY

1990 CIRP FRESHMAN SURVEY

The freshman survey data reported here have been weighted to provide a normative picture of the American college freshman population for persons engaged in policy analysis, human resource planning, campus administration, educational research, guidance and counseling, as well as for the general community of students and parents. The survey instrument, the Student Information Form (SIF), is revised annually to reflect the changing concerns of the academic community and of others who use the information. SIF data also provide initial input information for longitudinal research. Follow-up surveys of individual students in each entering class are conducted at various intervals after the initial survey. In recent years, longitudinal follow-ups of CIRP students have been used in major studies of dropouts (Astin, 1975), campus protests (Astin, Astin, Bayer, & Bisconti, 1975), education and work (Bisconti and Solmon, 1976), campus change (Astin, 1976), student development (Astin, 1977), minorities (Astin, 1982), and educational policy (Astin, 1985). (For the most recent follow-up report, see Astin et. al., 1990.)

From 1966 to 1970, approximately 15 percent of the nation's institutions of higher education were selected by sampling procedures and invited to participate in the program. As the academic community became aware of the value of program participation, additional institutions asked to participate. Beginning in 1971, all institutions that have entering freshman classes and that respond to the U. S. Department of Education's (DOE) Higher Education General Information Survey were invited to participate. A minimum charge plus a unit rate based on the number of forms processed helps to defray the direct costs of the survey. In Fall 1974 and 1975, samples of proprietary institutions also participated in the survey.

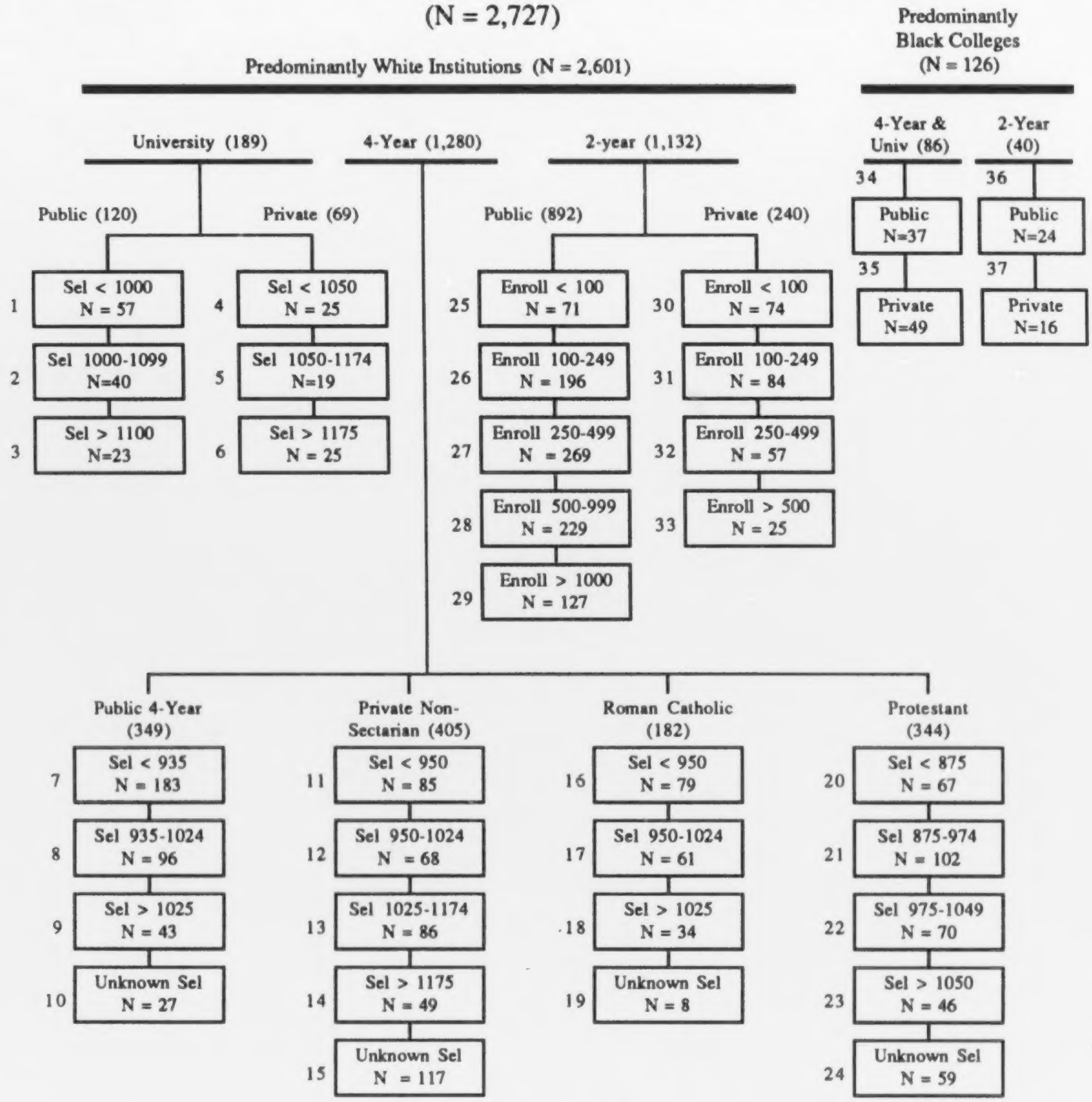
The normative data are reported separately for women and men, and for 37 different groupings of institutions. The major stratifying factors are institutional race (predominantly black versus predominantly white), type (two-year college, four-year college, university), control (public, private-nonsectarian, Roman Catholic, and Protestant), and the "selectivity level" of the institution. Selectivity, which is an estimate of the average academic ability of the entering class, was made an integral part of the CIRP stratification design (Figure A-1) in 1968 because of its substantial correlation with most measures of institutional "quality" (Astin, 1962). Since 1975, a revised and updated selectivity measure has been used (Astin & Henson, 1977). Stratification cell assignment is based chiefly on data supplied by institutions to various educational directories and college guides. Changes in stratification cell assignments do occur; requests for review are honored each year. Appendix D lists the current stratification cell assignment of all institutions that have participated in the CIRP freshman survey since 1966.

The 1990 Data

Although 276,798 entering freshmen at 574 colleges and universities returned their forms in time for their data to be included in the 1990 norms, the normative data presented here are based on responses from 194,182 freshmen entering 382 two- and four-year institutions.

The national norms are based only on data from institutions where the coverage of entering freshmen was judged to be representative. This judgment is based on the percentage of first-time, full-time freshmen who completed the 1990 SIF and on the procedures used to administer the forms. Four-

Figure A-1: 1990 Data Bank Population


(N = 2,727)
Predominantly White Institutions (N = 2,601)
Predominantly Black Colleges (N = 126)
University (189)
4-Year (1,280)
2-year (1,132)
4-Year & Univ (86)
2-Year (40)
Public (120)
Private (69)
Public (892)
Private (240)
1 Sel < 1000 N = 57
2 Sel 1000-1099 N=40
3 Sel > 1100 N=23
4 Sel < 1050 N = 25
5 Sel 1050-1174 N=19
6 Sel > 1175 N = 25
25 Enroll < 100 N = 71
26 Enroll 100-249 N = 196
27 Enroll 250-499 N = 269
28 Enroll 500-999 N = 229
29 Enroll > 1000 N = 127
30 Enroll < 100 N = 74
31 Enroll 100-249 N = 84
32 Enroll 250-499 N = 57
33 Enroll > 500 N = 25
34 Public N=37
35 Private N=49
36 Public N=24
37 Private N=16
Public 4-Year (349)
Private Non-Sectarian (405)
Roman Catholic (182)
Protestant (344)
7 Sel < 935 N = 183
8 Sel 935-1024 N = 96
9 Sel > 1025 N = 43
10 Unknown Sel N = 27
11 Sel < 950 N = 85
12 Sel 950-1024 N = 68
13 Sel 1025-1174 N = 86
14 Sel > 1175 N = 49
15 Unknown Sel N = 117
16 Sel < 950 N = 79
17 Sel 950-1024 N = 61
18 Sel > 1025 N = 34
19 Unknown Sel N = 8
20 Sel < 875 N = 67
21 Sel 875-974 N = 102
22 Sel 975-1049 N = 70
23 Sel > 1050 N = 46
24 Unknown Sel N = 59

Selectivity (SEL), used to define strata for four-year colleges and universities, is an estimate of the mean score of entering freshmen on the Verbal plus Mathematical portions of the Scholastic Aptitude Test (or the converted SAT math and verbal equivalents from the American College Test composite). The method of estimation is described in the detail in Astin and Henson (1977) and in Appendix A of the current report. ***Enrollment (ENROLL),*** used to define strata for two-year colleges, is based on the total number of first-time, full-time entrants. The stratification design presented here is used to group schools to develop population weights and should not be used as measure of institutional or program quality.

year colleges are included in the national norms if over 85 percent of their first-time, full-time freshmen completed the SIF; universities must have over 75 percent participation, while two-year colleges must have 50 percent.[1]

The normative data presented here were collected by administering the 1990 SIF during registration, freshman orientation, or the first few weeks of classes. The SIF is designed to elicit a wide range of biographic and demographic data, as well as data on the student's high school background, career plans, educational aspirations, financial arrangements, high school activities, and current attitudes. Those data meeting minimal quality requirements for inclusion in the 1990 norms were differentially weighted to represent the population of entering freshmen at all higher educational institutions in the United States.[2]

Part-time students and those who are not first-time college students (i.e., transfers and former enrollees) were excluded from the normative sample. Since the 1972 survey, special care has been taken to define these enrollment statuses; in surveys before 1972, the participating institutions were asked to exclude part-time students, while non-first-time students were excluded during the data processing stage by screening out those who indicated that they had previously attended college. Since that time, all students who did not identify themselves as part-time were included in the national norms if they either graduated from high school in the year of the survey or had never attended any postsecondary institution.

Institutional Stratification Design

The stratification design for the 1990 survey is identical to that used in 1989 (see Figure A-1). The rationale for this particular design is provided in the 1971 and 1979 normative reports.

The population included all eligible institutions of higher education listed in the annual Department of Education *Education Directory* (1988). An institution was considered eligible if it was operating at the time of the survey and if it had a freshman class of at least 25 students. Thus, institutions requiring undergraduate credits for admission to their first class (e.g., some professional schools) and a few very small institutions were excluded. In addition, some institutions or their branches were included even though separate 1988 enrollments were not available from DOE, because they were part of prior universes in these surveys and were known to be functioning with first-time, full-time entering freshmen. With these exceptions, the defined population comprised all accredited and nonaccredited institutions listed by DOE, whether university, four-year college, or two-year college. For the 1990 survey, the population of institutions numbered 2,727.

Typically, institutions make budgetary decisions and plan their orientation and registration programs early in the year. Since these matters affect participation in the freshman survey, institutions must be invited to participate several months before information is available to define the final survey population. A total of 2,727 institutions were invited to participate in the 1990 survey. A total of 579 (21.2 percent) of the institutions accepted the invitation to participate. Of the 599 institutions participating in the 1989 freshman survey, 471 (78.6 percent) opted to participate again in 1990.

Because of administrative and logistic problems, 5 institutions that accepted the invitation to participate in the 1990 survey were unable to return their completed freshman survey forms in time for their data to be included in the national norms. Thus, data were obtained from 574 (99.1 percent) of the institutions that had agreed to participate in the 1990 survey. Appendix D lists all institutions that have participated in the CIRP in any year since its inception in 1966. Appendix D also provides information about current stratification cell assignment, the number of years an institution has participated in the CIRP freshman survey, and its norm status (norms data or not norms data) in all surveys.

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[1] Each participating institution received a complete tabulation of its data, but those with an unrepresentative sampling were informed that comparisons between their institutional data and the national norms should be made with caution.

[2] A distinction should be made between higher education and postsecondary education. The normative data exclude students attending most proprietary, special vocational, or semiprofessional institutions; they include those attending two-year colleges and terminal occupational programs.

Weighting Procedures

The data obtained from students were differentially weighted because of disproportionate sampling of institutions within each stratification cell and because not all students at each college completed the SIF. Table A-1 shows the number of participating institutions in each stratification cell and the cell weights applied to each institution's data in computing the national norms. The cell weights in the last two columns are the ratios between the number of first-time, full-time freshmen in the eligible population within a given cell and the total number of freshmen entering sample institutions in that cell, computed separately for each sex. Since population data for Fall 1990 enrollments were not available at the time of the 1990 survey, these weights were derived from the Department of Education's Integrated Postsecondary Education Data System (IPEDS) Fall 1988 enrollment data. In effect, this procedure assumes that the sample institutions within a cell account for the same proportion of students in that cell in 1988 as in Fall 1990.

These cell weights were further adjusted within each institution, by sex, according to the proportion of the institution's 1990 first-time, full-time freshmen who completed the SIF. These total counts of 1990 freshmen are obtained directly from each participating institution at the time of the freshman survey. Typically, this second weight was between 1.0 and 2.0; in the case of an institution that administered the form to its entire freshman class, the weight was exactly 1.0. The final weight applied to the data from each student was the product of this within-institution participation weight and the appropriate cell weight shown in Table A-1.[3]

These weighting procedures generated summary data representative of all first-time, full-time students entering institutions of higher education in the fall of 1990. Note that the SIF was completed by entering freshmen; consequently the data reflect student responses prior to any substantial experience with college life.

The Student Information Form

The SIF is designed to serve two functions: first, to obtain student input data for longitudinal research; and second, to obtain standard descriptive and normative data for general information about the freshman population at American colleges. The questionnaire includes standard biographic and demographic items that have been administered annually to each entering class, as well as research-oriented items that may have been modified from previous years (e.g., see the list of attitudinal questions listed under item #31, Appendix B). The inclusion of modified items permits a more thorough coverage of student characteristics but also represents a compromise between two mutually exclusive objectives: (1) comparability of information from year to year which is required for assessing trends; and (2) flexibility in item content to meet changing information and research needs. Table A-2 lists the 1990 SIF items and indicates previous survey years in which comparable items have been used.

The SIF, reproduced in Appendix B, has been developed in collaboration with students, professional associations, participating institutions, government agencies, educational researchers, administrators, policy makers, and members of the CIRP Advisory Committee. It is designed for self-administration under proctored conditions and for processing onto magnetic tape with a mark reflex reader. The SIF content is reviewed annually by the CIRP project staff, with the assistance of the CIRP Advisory Committee as well as others interested in the annual freshman survey program.

Four tape files are developed from the SIF each year: (1) an institutional summary file containing institutional identification numbers and an institutional summary of the responses for men and women; (2) a file containing individual responses and a student identification number, but no names and addresses; (3) a name-and-address file containing a second, independent student identification number; and (4) a

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[3] The cell weight in Table A-1 is a sex-specific constant for each sample institution in a given cell, whereas the within-institution weight is a sex-specific constant for a given institution but varies from one institution to another, depending on how adequately the institution "covered" its entering class.

Table A-1

Institutional Sample and Population Weights Used to Compute the 1990 National Freshman Norms

	Number of Institutions			Cell Weights (1) Applied to Data Collected From	
		Participants			
Stratification Cell for Sampling (2)	Population	Total	Used in Norms	Men	Women
Public Universities					
1. less than 1,000	57	15	9	4.38	4.54
2. 1,000 - 1,099	40	12	7	6.54	6.68
3. 1,100 or more	23	12	9	2.96	2.77
Private Universities					
4. less than 1,050	25	14	8	3.55	3.18
5. 1,050 - 1,174	19	12	12	1.89	1.99
6. 1,175 or more	25	14	10	2.63	2.28
Public Four-Year Colleges					
7,10. less than 935 or unknown	210	41	19	16.34	15.09
8. 935 - 1,024	96	26	15	7.92	7.14
9. 1,025 or more	43	14	10	3.87	6.79
Private Nonsectarian Four-Year Colleges					
11,15. less than 950 or unknown	202	35	16	7.43	7.98
12. 950 - 1,024	68	29	21	2.09	2.31
13. 1,025 - 1,174	86	49	33	2.97	2.29
14. 1,175 or more	49	40	34	1.32	1.50
Catholic Four-Year Colleges					
16,19. less than 950 or unknown	87	25	13	4.30	5.47
17. 950 - 1,024	61	33	20	4.22	3.04
18. 1,025 or more	34	18	13	1.82	2.03
Protestant Four-Year Colleges					
20,24. less than 875 or unknown	126	20	9	12.46	12.15
21. 875 - 974	102	36	26	4.15	4.43
22. 975 - 1,049	70	33	25	2.56	2.69
23. 1,050 or more	46	31	23	2.18	2.03
Public Two-Year Colleges					
25,26. less than 249	267	6	6	56.55	44.09
27,28. 250-999	498	12	7	91.65	129.58
29. 1,000 or more	127	5	3	36.81	67.14
Private Two-Year Colleges					
30. less than 100 (3)	74	4	4	23.57	6.84
31. 100 - 249	84	11	11	8.23	7.37
32,33. 250 or more	82	5	5	15.32	26.81
Predominantly Black Colleges					
34,36. public 4-year and 2-year	61	8	4	14.83	15.95
35,37. private 4-year and 2-year	65	14	10	7.76	4.70

(1) Ratio between the number of 1990 first-time, full-time students enrollled in all colleges and the number of first-time, full-time students enrolled at colleges in the 1990 CIRP sample.

(2) Categories within 4-year college and university types are based on selectivity, while categories within 2-year college types are based on freshman enrollment.

Table A-2

Uses of 1990 Student Information Form Items on Previous CIRP Freshman Surveys[a]

Item No.	Item Number	1990	'89	'88	'87	'86	'85	'84	'83	'82	'81	'80	'79	'78	'77	'76	'75	'74	'73	'72	'71	'70	'69	'68	'67	'66
1	Sex	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	Age	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	Twin status	X	X	X	X	X	X	X	X	X	X	-	-	-	X	-	-	-	-	-	-	-	-	X	X	X
4	Year graduated from high school	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-
5	Enrollment status	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-
6	Miles from home to college	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	-	-	-
7	High school grade average	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	Scores on the SAT and/or ACT	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
9	High school subjects	X	-	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Prior enrollment at this college	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
11	Transfer status	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-
12	Residence during fall term	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-
13	Rank of college choice	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-
14	Number of other applications	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	X	X	-	-	X	X	X	-
15	Degree aspirations	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	English native language	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	U.S. citizen	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	X	X	-	X	X	-	-	-
18	Parents' marital status	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	-
19	Racial composition of high school and neighborhood	X	-	X	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Sources of financial support for college	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	Racial background	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Item No.	Item Number	1990	'89	'88	'87	'86	'85	'84	'83	'82	'81	'80	'79	'78	'77	'76	'75	'74	'73	'72	'71	'70	'69	'68	'67	'66
22	Religious preference of student and parents	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	c	X	c	c	c	c
23	Born-again Christian	X	X	X	-	-	X	-	-	-	X	X	-	X	-	-	-	-	-	-	-	-	-	-	-	-
24	Activities in past year	X	X	X	X	X	X	X	X	X	X	-	X	X	-	-	-	-	-	-	X	X	X	X	X	X
25	Self-rating of abilities	X	X	X	X	X	X	-	X	-	-	X	-	-	-	X	-	X	-	-	X	-	-	-	-	X
26	Parental/family income	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	Parental education	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	High school accomplishments	X	-	-	b	b	b	b	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X	X
29	Reasons for attending college	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	X	-	-	-	-	-
30	Student's career choice & parental occupation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	Attitudes on political and social issues	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-
32	Time diary last year	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Reasons for choosing career	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	-	-	-	-
34	Reasons for choosing this college	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	X	X	-
35	Political views	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
36	Undergraduate major	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	Values and life goals	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	Chances certain events will occur during college	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-

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[a] The content of many of the items has varied somewhat over the past 25 years. For the exact content and wording of the item in any given year, check the appropriate Student Information Form.

[b] Some accomplishments were included in the item "Activities in past year" (see 1990 item #24).

[c] Student only

"link" file containing *only* the two independent identification numbers. This last file is maintained under an elaborate system developed to ensure strict confidentiality of individual student data and to protect against misuse of the name-and-address file (Astin & Boruch, 1970).

The 1990 National Norms

Table A-3 shows the number of institutions and students on which the 1990 national norms are based; it also gives an estimate, derived through weighting procedures, of the total student population. (These counts are the product of the 1990 enrollments reported to us by the institutions and the cell weights shown in Table A-1.)

The creation of norms groups based on selectivity was accomplished as follows:

Selectivity Level	*Stratification Cells Assigned to Each Level*
low	1, 4, 7, 10, 11, 15, 16, 19, 20, 21, 24
medium	2, 5, 8, 12, 17, 22
high	3, 6, 9, 13, 18, 23
very high	14

New selectivity measures for the population (Astin & Henson, 1977) were used to restratify the CIRP population for the 1975 survey. These estimates are based on data provided in several published college guides and on data reported previously by Astin (1971). Most estimates were originally in the form of mean SAT Verbal (V) plus Mathematical (M) scores of entering freshmen. Mean ACT composite scores were converted into comparable mean SAT V+M scores (see Table 3-1 in Astin, 1971). The current dividing lines between selectivity levels are listed below:

	Universities				*Four-Year Institutions*							
Dividing	Private		Public		Public		Nonsectarian		Catholic		Protestant	
Line	SAT		SAT		SAT		SAT		SAT		SAT	
Between	V+M	ACT	V+M	ACT	V+M	ACT	V+M	ACT	V+M	ACT	V+M	ACT
low-medium	1050	24	1000	22.5	935	21	950	21.5	950	21.5	975	22
medium-high	1175	27	1100	25	1025	23	1025	23	1025	23	1050	24
high-very high	—	—	—	—	—	—	1175	27	—	—	—	—

These new selectivity measures are more recent, more accurate (i.e., most were provided directly by the institutions), and involve less missing data (i.e., fewer with "unknown" selectivity). For details see Astin and Henson (1977). Readers should note that the stratification design and cell assignments are used to group schools to develop population weights and should not be used as measure of institutional or program quality.

The items of normative data appear in the same order in the norms report and in the individual reports furnished to each participating institution. The first 57 pages of the national norms present item data separately for men, women, and all students according to the 15 major categories defined by institutional control and type; the next two sets of 14 pages show norms for universities and four-year colleges, respectively, broken out by selectivity levels.

The different types of institutions can be compared on any given item by examining the percentages in the row following the item. For many items the data differ substantially among categories of institutions, as well as *within* any single category.

Table A-3

Number of Institutions and Students Used in Computing the Weighted National Norms in Fall 1990

		Number of 1990 Entering Freshmen (1)			
	Number of Institutions in the 1990 Norms	Unweighted	Weighted		
Norm Group		Participants	Number	% Men	% Women
All Institutions	382	194,181	1,582,514	46.23	53.77
All Universities	55	84,171	377,023	49.20	50.80
All 4-year Colleges	291	102,513	634,178	45.63	54.37
All 2-year Colleges	36	7,497	571,312	44.94	55.06
All Black Colleges (2)	14	4,866	66,909	41.72	58.28
Public Universities	25	55,129	289,789	48.88	51.12
low select	9	21,999	117,636	47.75	52.25
mediumn select	7	13,699	104,789	49.69	50.31
high select	9	19,431	67,364	49.60	50.40
Private Universities	30	29,042	87,234	50.26	49.74
low select	8	7,700	29,841	46.30	53.70
medium select	12	10,682	25,820	46.75	53.25
high select	10	10,660	31,573	56.88	43.12
Public 4-year Colleges	48	32,969	384,381	46.04	53.96
low select (3)	23	11,809	223,439	45.55	54.45
medium select	15	13,087	115,528	44.94	55.06
high select	10	8,073	45,415	51.26	48.74
Private 4-year Colleges	243	69,544	249,797	44.98	55.02
Nonsectarian	109	35,731	114,941	46.96	53.04
low select (3)	21	5,712	46,645	47.25	52.75
medium select	21	7,190	20,243	43.66	56.34
high select	33	9,034	26,790	50.41	49.59
very high select	34	13,795	21,263	45.09	54.91
Protestant	88	21,384	91,334	45.30	54.70
low select (3)	40	7,583	55,281	44.59	55.41
medium select	25	6,620	19,410	46.58	53.42
high select	23	7,181	16,643	46.18	53.82
Catholic	46	12,429	43,521	39.11	60.89
low select (3)	13	2,336	14,010	32.12	67.88
medium select	20	4,171	16,176	39.76	60.24
high select	13	5,922	13,335	45.66	54.34
Public 2-year Colleges	16	4,728	517,415	45.32	54.68
Private 2-year Colleges	20	2,769	53,898	41.34	58.66
Public Black Colleges	4	2,133	47,318	41.71	58.29
Private Black Colleges	11	2,782	20,399	42.57	57.43
Eastern Region	140	67,904	635,149	47.16	52.84
Midwestern Region	99	57,404	385,015	45.96	54.04
Southern Region	96	40,102	345,386	43.33	56.67
Western Region	46	28,722	216,155	48.55	51.45

(1) First-time, full-time students
(2) Black Colleges are also included in the appropriate 4-year College or University Norm Group according to their types
(3) Includes those institutions with unknown selectivity

NOTE: The weighted counts may not always sum to identical totals due to rounding error.

It is impractical to report statistical indicators of precision for every categorical percentage in every norms group. However, some idea of the reliability of the reported data is important for comparisions across related item categories, and over time (i.e. with data from earlier norm reports). Appendix E presents some guidelines for judging the precision of the normative estimates and their comparisons.

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Appendix B

The 1990 Student Information Form

PLEASE PRINT (one letter or number per box)

	FIRST	M I	LAST	When were you born?
NAME:				Month (01–12) ☐☐ Day (01–31) ☐☐ Year ☐☐
ADDRESS:				

CITY: STATE: ZIP: PHONE: — —

1990 STUDENT INFORMATION FORM

DIRECTIONS

Your responses will be read by an optical mark reader. Your careful observance of these few simple rules will be most appreciated.

- Use only black lead pencil (No. 2 is ideal)
- Make heavy black marks that fill the oval
- Erase cleanly any answer you wish to change
- Make no stray markings of any kind

EXAMPLE:
Will marks made with ballpoint or felt-tip marker be properly read? Yes... ○ No... ●

Dear Student:

The information in this form is being collected as part of a continuing study of higher education conducted jointly by the American Council on Education and the University of California at Los Angeles. Your voluntary participation in this research is being solicited in order to achieve a better understanding of how students are affected by their college experiences. Detailed information on the goals and design of this research program are furnished in research reports available from the Higher Education Research Institute at UCLA. Identifying information has been requested in order to make subsequent mail follow-up studies possible. Your response will be held in the strictest professional confidence.

PLEASE USE #2 PENCIL

Sincerely, Alexander W. Astin

Alexander W. Astin, Director
Higher Education Research Institute

FORM NO.: 111925

PLEASE PROVIDE YOUR SOCIAL SECURITY NO.									Mark here if directed GRP CODE A		GRP CODE B	
0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9	9

1. Your sex: Male... ○ Female... ○

2. How old will you be on December 31 of this year? (Mark one)

16 or younger..	○	21–24	○
17	○	25–29	○
18	○	30–39	○
19	○	40–54	○
20	○	55 or older ..	○

3. Are you a twin? (Mark one)

No ... ○ Yes, identical.. ○

Yes, fraternal.. ○

4. In what year did you graduate from high school? (Mark one)

1990	○	Did not graduate but passed G.E.D. test .	○
1989	○		
1988	○	Never completed high school	○
1987 or earlier..	○		

5. Are you enrolled (or enrolling) as a: (Mark one)

Full-time student? .. ○

Part-time student? .. ○

6. How many miles is this college from your permanent home? (Mark one)

5 or less ○ 11–50 ○ 101–500 ○

6–10 ○ 51–100 ○ Over 500 ○

7. What was your average grade in high school?

(Mark one) A or A+ ○ B ○ C ○

A- ○ B- ○ D ○

B+ ○ C+ ○

8. What were your scores on the SAT and/or ACT?

SAT VERBAL............ ☐☐☐

SAT MATH.............. ☐☐☐

ACT Composite .... ☐☐

9. During high school (grades 9-12) how many years did you study each of the following subjects? (Mark one for each item)

	None	½	1	2	3	4	5 or more
English..............	○	○	○	○	○	○	○
Mathematics	○	○	○	○	○	○	○
Foreign Language	○	○	○	○	○	○	○
Physical Science	○	○	○	○	○	○	○
Biological Science......	○	○	○	○	○	○	○
History/Am. Govt......	○	○	○	○	○	○	○
Computer Science	○	○	○	○	○	○	○
Arts and/or Music	○	○	○	○	○	○	○

10. Prior to this term, have you ever taken courses for credit at this institution?

○ Yes ○ No

11. Since leaving high school, have you ever taken courses at any other institution?

(Mark all that apply in each column)	For Credit	Not for Credit
No	○	○
Yes, at a junior or comty. college ...	○	○
Yes, at a 4-yr. college or university ...	○	○
Yes, at some other postsecondary school (For ex., technical, vocational, business)	○	○

12. Where do you plan to live during the fall term? (Mark one)

With parents or relatives	○
Other private home, apt. or rm.	○
College dormitory	○
Fraternity or sorority house	○
Other campus student housing..............	○
Other	○

13. Is this college your: (Mark one)

First choice? ..... ○

Second choice?... ○

Third choice? .... ○

Less than third choice? ...... ○

14. To how many colleges other than this one did you apply for admission this year?

No other ○ 1 ○ 3 ○ 5 .... ○

2 ○ 4 ○ 6 or more. ○

15. What is the highest academic degree that you intend to obtain?

(Mark one in each column)	Highest Planned	Highest Planned at this college
None	○	○
Vocational certificate	○	○
Associate (A.A. or equivalent)	○	○
Bachelor's degree (B.A., B.S., etc.)	○	○
Master's degree (M.A., M.S., etc.)	○	○
Ph.D. or Ed.D.	○	○
M.D., D.O., D.D.S., or D.V.M.	○	○
LL.B., or J.D. (Law)	○	○
B.D. or M.DIV. (Divinity)...........	○	○
Other	○	○

16. Is English your native language?

○ Yes ○ No

17. Are you a:

○ U.S. citizen

○ Permanent resident (green card)

○ Neither

18. Are your parents: (Mark one)

Both alive and living with each other?	○
Both alive, divorced or separated?	○
One or both deceased?	○

19. How would you describe the racial composition of the high school you last attended and the neighborhood where you grew up?

(Mark one in each row)	Completely non-White	Mostly non-White	Roughly half non-White	Mostly White	Completely White
High school I last attended...	○	○	○	○	○
Neighborhood where I grew up	○	○	○	○	○

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20. How much of your first year's educational expenses (room, board, tuition, and fees) do you expect to cover from each of the sources listed below? (Mark one answer for each possible source)

	None	$1-$499	$500-$999	$1,000-$1,499	$1,500-$1,999	$2,000-$3,000	Over $3,000
a. My Own or Family Resources							
Parents, other relatives or friends	○	○	○	○	○	○	○
Spouse	○	○	○	○	○	○	○
Savings from summer work	○	○	○	○	○	○	○
Other savings	○	○	○	○	○	○	○
Part-time on campus job	○	○	○	○	○	○	○
Part-time job off campus	○	○	○	○	○	○	○
Full-time job while in college	○	○	○	○	○	○	○
b. Aid Which Need Not Be Repaid							
Pell Grant	○	○	○	○	○	○	
Supplemental Educational Opportunity Grant	○	○	○	○	○	○	
State Scholarship or Grant	○	○	○	○	○	○	
College Work-Study Grant	○	○	○	○	○	○	
College Grant/Scholarship (other than above)	○	○	○	○	○	○	○
Other private grant	○	○	○	○	○	○	○
Other Government Aid (ROTC, BIA, GI/military benefits, etc.)	○	○	○	○	○	○	○
c. Aid Which Must Be Repaid							
Stafford/Guaranteed Student Loan	○	○	○	○	○	○	
Perkins Loan	○	○	○	○	○	○	
Other College Loan	○	○	○	○	○	○	○
Other Loan	○	○	○	○	○	○	○
d. Other Than Above	○	○	○	○	○	○	○

21. Are you: (Mark all that apply)

- White/Caucasian ○
- Black/African-American ○
- American Indian ○
- Asian-American/Oriental ○
- Mexican-American/Chicano ○
- Puerto Rican-American ○
- Other ○

22. Current religious preference: (Mark one in each column)

	Your's	Father's	Mother's
Baptist	Ⓨ	Ⓕ	Ⓜ
Buddhist	Ⓨ	Ⓕ	Ⓜ
Congregational	Ⓨ	Ⓕ	Ⓜ
Eastern Orthodox	Ⓨ	Ⓕ	Ⓜ
Episcopal	Ⓨ	Ⓕ	Ⓜ
Islamic	Ⓨ	Ⓕ	Ⓜ
Jewish	Ⓨ	Ⓕ	Ⓜ
LDS (Mormon)	Ⓨ	Ⓕ	Ⓜ
Lutheran	Ⓨ	Ⓕ	Ⓜ
Methodist	Ⓨ	Ⓕ	Ⓜ
Presbyterian	Ⓨ	Ⓕ	Ⓜ
Quaker	Ⓨ	Ⓕ	Ⓜ
Roman Catholic	Ⓨ	Ⓕ	Ⓜ
Seventh Day Adventist	Ⓨ	Ⓕ	Ⓜ
Other Protestant	Ⓨ	Ⓕ	Ⓜ
Other Religion	Ⓨ	Ⓕ	Ⓜ
None	Ⓨ	Ⓕ	Ⓜ

23. Do you consider yourself a born-again Christian? ○ Yes ○ No

24. For the activities below, indicate which ones you did during the past year. If you engaged in an activity frequently, mark Ⓕ. If you engaged in an activity one or more times, but not frequently, mark Ⓞ (occasionally). Mark Ⓝ (Not at all) if you have not performed the activity during the past year.

(Mark one for each item)	Frequently	Occasionally	Not at all
Attended a religious service	Ⓕ	Ⓞ	Ⓝ
Was bored in class	Ⓕ	Ⓞ	Ⓝ
Participated in organized demonstrations	Ⓕ	Ⓞ	Ⓝ
Won a varsity letter for sports	Ⓕ	Ⓞ	Ⓝ
Failed to complete a homework assignment on time	Ⓕ	Ⓞ	Ⓝ
Tutored another student	Ⓕ	Ⓞ	Ⓝ
Did extra (unassigned) work/reading for a class	Ⓕ	Ⓞ	Ⓝ
Studied with other students	Ⓕ	Ⓞ	Ⓝ
Was a guest in a teacher's home	Ⓕ	Ⓞ	Ⓝ
Smoked cigarettes	Ⓕ	Ⓞ	Ⓝ
Drank beer	Ⓕ	Ⓞ	Ⓝ
Drank wine or liquor	Ⓕ	Ⓞ	Ⓝ
Stayed up all night	Ⓕ	Ⓞ	Ⓝ
Spoke a language other than English at home	Ⓕ	Ⓞ	Ⓝ
Felt overwhelmed by all I had to do	Ⓕ	Ⓞ	Ⓝ
Felt depressed	Ⓕ	Ⓞ	Ⓝ
Studied in the library	Ⓕ	Ⓞ	Ⓝ
Performed volunteer work	Ⓕ	Ⓞ	Ⓝ
Visited an art gallery or museum	Ⓕ	Ⓞ	Ⓝ
Took vitamins	Ⓕ	Ⓞ	Ⓝ
Came late to class	Ⓕ	Ⓞ	Ⓝ
Wore glasses or contact lenses	Ⓕ	Ⓞ	Ⓝ
Played a musical instrument	Ⓕ	Ⓞ	Ⓝ
Checked out a book or journal from the school library	Ⓕ	Ⓞ	Ⓝ
Asked a teacher for advice after class	Ⓕ	Ⓞ	Ⓝ

25. Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself.

(Mark one in each row)	Highest 10%	Above Average	Average	Below Average	Lowest 10%
Academic ability	○	○	○	○	○
Artistic ability	○	○	○	○	○
Competitiveness	○	○	○	○	○
Cooperativeness	○	○	○	○	○
Drive to achieve	○	○	○	○	○
Emotional health	○	○	○	○	○
Leadership ability	○	○	○	○	○
Mathematical ability	○	○	○	○	○
Physical health	○	○	○	○	○
Popularity	○	○	○	○	○
Popularity with the opposite sex	○	○	○	○	○
Public speaking ability	○	○	○	○	○
Self-confidence (intellectual)	○	○	○	○	○
Self-confidence (social)	○	○	○	○	○
Understanding of others	○	○	○	○	○
Writing ability	○	○	○	○	○

26. What is your best estimate of your parents' total income last year? Consider income from all sources before taxes. (Mark one)

- ○ Less than $6,000
- ○ $6,000-9,999
- ○ $10,000-14,999
- ○ $15,000-19,999
- ○ $20,000-24,999
- ○ $25,000-29,999
- ○ $30,000-34,999
- ○ $35,000-39,999
- ○ $40,000-49,999
- ○ $50,000-59,999
- ○ $60,000-74,999
- ○ $75,000-99,999
- ○ $100,000-149,999
- ○ $150,000 or more

27. What is the highest level of formal education obtained by your parents?

(Mark one in each column)	Father	Mother
Grammar school or less	○	○
Some high school	○	○
High school graduate	○	○
Postsecondary school other than college	○	○
Some college	○	○
College degree	○	○
Some graduate school	○	○
Graduate degree	○	○

28. During high school, I: (Mark any that apply)

- Was elected president of one or more student organizations ○
- Received a high rating in a state or regional music contest ○
- Competed in a state or regional speech or debate contest ○
- Had a major part in a play ○
- Won an award in an art competition ○
- Edited a school publication ○
- Had original writing or poetry published ○
- Won an award in a state or regional science contest ○
- Was a member of a scholastic honor society ○

29. In deciding to go to college, how important to you was each of the following reasons?

(Mark one answer for each possible reason)	Very Important	Somewhat Important	Not Important
My parents wanted me to go	Ⓥ	Ⓢ	Ⓝ
I could not find a job	Ⓥ	Ⓢ	Ⓝ
Wanted to get away from home	Ⓥ	Ⓢ	Ⓝ
To be able to get a better job	Ⓥ	Ⓢ	Ⓝ
To gain a general education and appreciation of ideas	Ⓥ	Ⓢ	Ⓝ
To improve my reading and study skills	Ⓥ	Ⓢ	Ⓝ
There was nothing better to do	Ⓥ	Ⓢ	Ⓝ
To make me a more cultured person	Ⓥ	Ⓢ	Ⓝ
To be able to make more money	Ⓥ	Ⓢ	Ⓝ
To learn more about things that interest me	Ⓥ	Ⓢ	Ⓝ
To prepare myself for graduate or professional school	Ⓥ	Ⓢ	Ⓝ

30. Mark only three responses, one in each column.

NOTE: If your father or mother is deceased, please indicate his or her last occupation.

	Ⓨ Your probable career occupation	Ⓕ Your father's occupation	Ⓜ Your mother's occupation
Accountant or actuary	Ⓨ	Ⓕ	Ⓜ
Actor or entertainer	Ⓨ	Ⓕ	Ⓜ
Architect or urban planner	Ⓨ	Ⓕ	Ⓜ
Artist	Ⓨ	Ⓕ	Ⓜ
Business (clerical)	Ⓨ	Ⓕ	Ⓜ
Business executive (management, administrator)	Ⓨ	Ⓕ	Ⓜ
Business owner or proprietor	Ⓨ	Ⓕ	Ⓜ
Business salesperson or buyer	Ⓨ	Ⓕ	Ⓜ
Clergy (minister, priest)	Ⓨ	Ⓕ	Ⓜ
Clergy (other religious)	Ⓨ	Ⓕ	Ⓜ
Clinical psychologist	Ⓨ	Ⓕ	Ⓜ
College teacher	Ⓨ	Ⓕ	Ⓜ
Computer programmer or analyst	Ⓨ	Ⓕ	Ⓜ
Conservationist or forester	Ⓨ	Ⓕ	Ⓜ
Dentist (including orthodontist)	Ⓨ	Ⓕ	Ⓜ
Dietitian or home economist	Ⓨ	Ⓕ	Ⓜ
Engineer	Ⓨ	Ⓕ	Ⓜ
Farmer or rancher	Ⓨ	Ⓕ	Ⓜ
Foreign service worker (including diplomat)	Ⓨ	Ⓕ	Ⓜ
Homemaker (full-time)	Ⓨ	Ⓕ	Ⓜ
Interior decorator (including designer)	Ⓨ	Ⓕ	Ⓜ
Interpreter (translator)	Ⓨ	Ⓕ	Ⓜ
Lab technician or hygienist	Ⓨ	Ⓕ	Ⓜ
Law enforcement officer	Ⓨ	Ⓕ	Ⓜ
Lawyer (attorney) or judge	Ⓨ	Ⓕ	Ⓜ
Military service (career)	Ⓨ	Ⓕ	Ⓜ
Musician (performer, composer)	Ⓨ	Ⓕ	Ⓜ
Nurse	Ⓨ	Ⓕ	Ⓜ
Optometrist	Ⓨ	Ⓕ	Ⓜ
Pharmacist	Ⓨ	Ⓕ	Ⓜ
Physician	Ⓨ	Ⓕ	Ⓜ
School counselor	Ⓨ	Ⓕ	Ⓜ
School principal or superintendent	Ⓨ	Ⓕ	Ⓜ
Scientific researcher	Ⓨ	Ⓕ	Ⓜ
Social, welfare or recreation worker	Ⓨ	Ⓕ	Ⓜ
Statistician	Ⓨ	Ⓕ	Ⓜ
Therapist (physical, occupational, speech)	Ⓨ	Ⓕ	Ⓜ
Teacher or administrator (elementary)	Ⓨ	Ⓕ	Ⓜ
Teacher or administrator (secondary)	Ⓨ	Ⓕ	Ⓜ
Veterinarian	Ⓨ	Ⓕ	Ⓜ
Writer or journalist	Ⓨ	Ⓕ	Ⓜ
Skilled trades	Ⓨ	Ⓕ	Ⓜ
Other	Ⓨ		
Undecided	Ⓨ		
Laborer (unskilled)		Ⓕ	Ⓜ
Semi-skilled worker		Ⓕ	Ⓜ
Other occupation		Ⓕ	Ⓜ
Unemployed		Ⓕ	Ⓜ

31. Mark one in each row:

	④ Agree Strongly	③ Agree Somewhat	② Disagree Somewhat	① Disagree Strongly
The Federal government is not doing enough to protect the consumer from faulty goods and services	④	③	②	①
The Federal government is not doing enough to control environmental pollution	④	③	②	①
The Federal government should raise taxes to reduce the deficit	④	③	②	①
There is too much concern in the courts for the rights of criminals	④	③	②	①
Federal military spending should be increased	④	③	②	①
Abortion should be legal	④	③	②	①
The death penalty should be abolished	④	③	②	①
If two people really like each other, it's all right for them to have sex even if they've known each other for only a very short time	④	③	②	①
The activities of married women are best confined to home and family	④	③	②	①
Marijuana should be legalized	④	③	②	①
Busing is O.K. if it helps to achieve racial balance in the schools	④	③	②	①
It is important to have laws prohibiting homosexual relationships	④	③	②	①
The chief benefit of a college education is that it increases one's earning power	④	③	②	①
Employers should be allowed to require drug testing of employees or job applicants	④	③	②	①
The best way to control AIDS is through widespread, mandatory testing	④	③	②	①
Just because a man thinks that a woman has "led him on" does not entitle him to have sex with her	④	③	②	①
The federal government should do more to control the sale of handguns	④	③	②	①
A national health care plan is needed to cover everybody's medical costs	④	③	②	①
Colleges would be improved if organized sports were de-emphasized	④	③	②	①
Nuclear disarmament is attainable	④	③	②	①
Scientists should publish their findings regardless of the possible consequences	④	③	②	①
Faculty promotions should be based in part on student evaluations	④	③	②	①
Racial discrimination is no longer a major problem in America	④	③	②	①

32. During your last year in high school, how much time did you spend during a typical week doing the following activities?

Hours per week:	None	Less than 1 hour	1-2	3-5	6-10	11-15	16-20	Over 20
Studying/homework	○	○	○	○	○	○	○	○
Socializing with friends	○	○	○	○	○	○	○	○
Talking with teachers outside of class	○	○	○	○	○	○	○	○
Exercising/sports	○	○	○	○	○	○	○	○
Partying	○	○	○	○	○	○	○	○
Working (for pay)	○	○	○	○	○	○	○	○
Volunteer work	○	○	○	○	○	○	○	○
Student clubs/groups	○	○	○	○	○	○	○	○
Watching TV	○	○	○	○	○	○	○	○

33. Which of the following are important to you in your long-term choice of career occupation? (Mark one in each row)

	Essential	Very Important	Somewhat Important	Not Important
Job openings generally available	Ⓔ	Ⓥ	Ⓢ	Ⓝ
Rapid career advancement possible	Ⓔ	Ⓥ	Ⓢ	Ⓝ
High anticipated earnings	Ⓔ	Ⓥ	Ⓢ	Ⓝ
Well-respected or prestigious occupation	Ⓔ	Ⓥ	Ⓢ	Ⓝ
Great deal of independence	Ⓔ	Ⓥ	Ⓢ	Ⓝ
Chance for steady progress	Ⓔ	Ⓥ	Ⓢ	Ⓝ
Can make an important contribution to society	Ⓔ	Ⓥ	Ⓢ	Ⓝ
Can avoid pressure	Ⓔ	Ⓥ	Ⓢ	Ⓝ
Can work with ideas	Ⓔ	Ⓥ	Ⓢ	Ⓝ
Can be helpful to others	Ⓔ	Ⓥ	Ⓢ	Ⓝ
Able to work with people	Ⓔ	Ⓥ	Ⓢ	Ⓝ
Intrinsic interest in the field	Ⓔ	Ⓥ	Ⓢ	Ⓝ
The work would be challenging	Ⓔ	Ⓥ	Ⓢ	Ⓝ

34. Below are some reasons that might have influenced your decision to attend this particular college. How important was each reason in your decision to come here? (Mark one answer for each possible reason)

	Very Important	Somewhat Important	Not Important
My relatives wanted me to come here	Ⓥ	Ⓢ	Ⓝ
My teacher advised me	Ⓥ	Ⓢ	Ⓝ
This college has a very good academic reputation	Ⓥ	Ⓢ	Ⓝ
This college has a good reputation for its social activities	Ⓥ	Ⓢ	Ⓝ
I was offered financial assistance	Ⓥ	Ⓢ	Ⓝ
This college offers special educational programs	Ⓥ	Ⓢ	Ⓝ
This college has low tuition	Ⓥ	Ⓢ	Ⓝ
My guidance counselor advised me	Ⓥ	Ⓢ	Ⓝ
I wanted to live near home	Ⓥ	Ⓢ	Ⓝ
A friend suggested attending	Ⓥ	Ⓢ	Ⓝ
A college rep. recruited me	Ⓥ	Ⓢ	Ⓝ
The athletic department recruited me	Ⓥ	Ⓢ	Ⓝ
This college's graduates gain admission to top graduate/professional schools	Ⓥ	Ⓢ	Ⓝ
This college's graduates get good jobs	Ⓥ	Ⓢ	Ⓝ
I was attracted by the religious affiliation/orientation of the college	Ⓥ	Ⓢ	Ⓝ
I wanted to go to a school about the size of this college	Ⓥ	Ⓢ	Ⓝ

35. How would you characterize your political views? (Mark one)

- Far left ○
- Liberal ○
- Middle-of-the-road ○
- Conservative ○
- Far right ○

36. **Below is a list of different undergraduate major fields grouped into general categories. Mark only one oval to indicate your probable field of study.**

ARTS AND HUMANITIES

Art, fine and applied ○
English (language and literature) ○
History ○
Journalism ○
Language and Literature (except English) ○
Music ○
Philosophy ○
Speech ○
Theater or Drama ○
Theology or Religion ○
Other Arts and Humanities ○

BIOLOGICAL SCIENCE

Biology (general) ○
Biochemistry or Biophysics ○
Botany ○
Marine (Life) Science ○
Microbiology or Bacteriology ○
Zoology ○
Other Biological Science ○

BUSINESS

Accounting ○
Business Admin (general) ○
Finance ○
Marketing ○
Management ○
Secretarial Studies ○
Other Business ○

EDUCATION

Business Education ○
Elementary Education ○
Music or Art Education ○
Physical Education or Recreation ○
Secondary Education ○
Special Education ○
Other Education ○

ENGINEERING

Aeronautical or Astronautical Eng ○
Civil Engineering ○
Chemical Engineering ○
Electrical or Electronic Engineering ○
Industrial Engineering ○
Mechanical Engineering ○
Other Engineering ○

PHYSICAL SCIENCE

Astronomy ○
Atmospheric Science (incl Meteorology) ○
Chemistry ○
Earth Science ○
Marine Science (incl Oceanography) ○
Mathematics ○
Physics ○
Statistics ○
Other Physical Science ○

PROFESSIONAL

Architecture or Urban Planning ○
Home Economics ○
Health Technology (medical, dental, laboratory) ○
Library or Archival Science ○
Nursing ○
Pharmacy ○
Predental, Premedicine, Preveterinary ○
Therapy (occupational, physical, speech) ○
Other Professional ○

SOCIAL SCIENCE

Anthropology ○
Economics ○
Ethnic Studies ○
Geography ○
Political Science (gov't, international relations) ○
Psychology ○
Social Work ○
Sociology ○
Women's Studies ○
Other Social Science ○

TECHNICAL

Building Trades ○
Data Processing or Computer Programming ○
Drafting or Design ○
Electronics ○
Mechanics ○
Other Technical ○

OTHER FIELDS

Agriculture ○
Communications (radio, TV, etc) ○
Computer Science ○
Forestry ○
Law Enforcement ○
Military Science ○
Other Field ○
Undecided ○

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37. **Please indicate the importance to you personally of each of the following:** (Mark one for each item)

Ⓝ Not Important
Ⓢ Somewhat Important
Ⓥ Very Important
Ⓔ Essential

Becoming accomplished in one of the performing arts (acting, dancing, etc) Ⓔ Ⓥ Ⓢ Ⓝ
Becoming an authority in my field Ⓔ Ⓥ Ⓢ Ⓝ
Obtaining recognition from my colleagues for contributions to my special field Ⓔ Ⓥ Ⓢ Ⓝ
Influencing the political structure Ⓔ Ⓥ Ⓢ Ⓝ
Influencing social values Ⓔ Ⓥ Ⓢ Ⓝ
Raising a family Ⓔ Ⓥ Ⓢ Ⓝ
Having administrative responsibility for the work of others Ⓔ Ⓥ Ⓢ Ⓝ
Being very well off financially Ⓔ Ⓥ Ⓢ Ⓝ
Helping others who are in difficulty Ⓔ Ⓥ Ⓢ Ⓝ
Making a theoretical contribution to science Ⓔ Ⓥ Ⓢ Ⓝ
Writing original works (poems, novels, short stories, etc) Ⓔ Ⓥ Ⓢ Ⓝ
Creating artistic work (painting, sculpture, decorating, etc) Ⓔ Ⓥ Ⓢ Ⓝ
Becoming successful in a business of my own Ⓔ Ⓥ Ⓢ Ⓝ
Becoming involved in programs to clean up the environment Ⓔ Ⓥ Ⓢ Ⓝ
Developing a meaningful philosophy of life Ⓔ Ⓥ Ⓢ Ⓝ
Participating in a community action program Ⓔ Ⓥ Ⓢ Ⓝ
Helping to promote racial understanding Ⓔ Ⓥ Ⓢ Ⓝ
Keeping up to date with political affairs Ⓔ Ⓥ Ⓢ Ⓝ

38. **What is your best guess as to the chances that you will:** (Mark one for each item)

Ⓝ No Chance
Ⓛ Very Little Chance
Ⓢ Some Chance
Ⓥ Very Good Chance

Change major field? Ⓥ Ⓢ Ⓛ Ⓝ
Change career choice? Ⓥ Ⓢ Ⓛ Ⓝ
Fail one or more courses? Ⓥ Ⓢ Ⓛ Ⓝ
Graduate with honors? Ⓥ Ⓢ Ⓛ Ⓝ
Be elected to a student office? Ⓥ Ⓢ Ⓛ Ⓝ
Get a job to help pay for college expenses? Ⓥ Ⓢ Ⓛ Ⓝ
Work full time while attending college? Ⓥ Ⓢ Ⓛ Ⓝ
Join a social fraternity, sorority, or club? Ⓥ Ⓢ Ⓛ Ⓝ
Play varsity/intercollegiate athletics? Ⓥ Ⓢ Ⓛ Ⓝ
Be elected to an academic honor society? Ⓥ Ⓢ Ⓛ Ⓝ
Make at least a "B" average? Ⓥ Ⓢ Ⓛ Ⓝ
Need extra time to complete your degree requirements? Ⓥ Ⓢ Ⓛ Ⓝ
Get tutoring help in specific courses? Ⓥ Ⓢ Ⓛ Ⓝ
Have to work at an outside job during college? Ⓥ Ⓢ Ⓛ Ⓝ
Seek vocational counseling? Ⓥ Ⓢ Ⓛ Ⓝ
Seek individual counseling on personal problems? Ⓥ Ⓢ Ⓛ Ⓝ
Get a bachelor's degree (B A , B S , etc)? Ⓥ Ⓢ Ⓛ Ⓝ
Participate in student protests or demonstrations? Ⓥ Ⓢ Ⓛ Ⓝ
Drop out of this college temporarily (exclude transferring)? Ⓥ Ⓢ Ⓛ Ⓝ
Drop out permanently (exclude transferring)? Ⓥ Ⓢ Ⓛ Ⓝ
Transfer to another college before graduating? Ⓥ Ⓢ Ⓛ Ⓝ
Be satisfied with your college? Ⓥ Ⓢ Ⓛ Ⓝ
Find a job after college in the field for which you were trained? Ⓥ Ⓢ Ⓛ Ⓝ
Get married while in college? (skip if married) Ⓥ Ⓢ Ⓛ Ⓝ
Participate in volunteer or community service work Ⓥ Ⓢ Ⓛ Ⓝ

39. **The Higher Education Research Institute at UCLA actively encourages the colleges that participate in this survey to conduct local studies of their students. If these studies involve collecting follow-up data, it is necessary for the institution to know the students' ID numbers so that follow-up data can be linked with the data from this survey. If your college asks for a tape copy of the data and signs an agreement to use it only for research purposes, do we have your permission to include your ID number in such a tape?** Yes ○ No ○

The remaining ovals are provided for items specifically designed by your college rather than the Higher Education Research Institute. If your college has chosen to use the ovals, please observe carefully the supplemental directions given to you.

40. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
41. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
42. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
43. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
44. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
45. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
46. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
47. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
48. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ
49. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ

THANK YOU!

3508 Questar 914-54321

Appendix C

Coding Scheme for Collapsed Items

1. Father's Occupation
2. Mother's Occupation

Father's Occupation

Collapsed Category	Item Response Alternatives
Artist	Actor or entertainer; Artist; Interior decorator (or designer); Musician (composer; performer); Writer or journalist.
Business	Accountant or actuary; Business executive; Business owner or proprieter; Salesman or buyer.
Clergy or Religious Worker	Clergyman (minister; priest); Clergy (other religious).
College Teacher	College teacher.
Doctor	Dentist (including orthodontist); Physician.
Educator (secondary)	School counselor; School principal or superintendent; Teacher or administrator (secondary).
Elementary Teacher	Teacher or administrator (elementary).
Engineer	Engineer.
Farmer/Forester	Conservationist or forester; Farmer or rancher.
Health Professional	Dietitian or home economist; Lab technician or hygienist; Optometrist; Pharmacist; Therapist (physical, occupational, or speech); Veterinarian.
Lawyer	Lawyer (attorney) or judge.
Military Career	Military service (career).
Research Scientist	Scientific researcher.
Skilled Worker	Skilled trades.
Semiskilled Worker	Semiskilled worker.
Laborer	Laborer (unskilled).
Unemployed	Unemployed.
Other	Architect or urban planner; Business (clerical); Clinical psychologist; Computer programmer or analyst; Foreign service worker (including diplomat); Homemaker (full-time); Interpreter (translator); Law enforcement officer; Nurse; Social, welfare, or recreation worker; Statistician; Other occupation not listed above.

Mother's Occupation

Collapsed Category	Item Response Alternatives
Artist	Actor or entertainer; Artist; Interior decorator (or designer); Musician (composer; performer); Writer or journalist.
Business	Accountant or actuary; Business executive; Business owner or or proprieter; Salesman or buyer.
Business (clerical)	Business (clerical)
Clergy or Religious Worker	Clergyman (minister; priest); Clergy (other religious).
College Teacher	College teacher.
Doctor	Dentist (including orthodontist); Physician.
Educator (secondary)	School counselor; School principal or superintendent; Teacher or administrator (secondary).
Elementary Teacher	Teacher or administrator (elementary).
Engineer	Engineer.
Farmer/Forester	Conservationist or forester; Farmer or rancher.
Health Professional	Dietitian or home economist; Lab technician or hygienist; Optometrist; Pharmacist; Therapist (physical, occupational, or speech); Veterinarian.
Homemaker (full-time)	Homemaker (full-time).
Lawyer	Lawyer (attorney) or judge.
Nurse	Nurse.
Research Scientist	Scientific researcher.
Social, Welfare, or Recreation Worker	Social, welfare, or recreation worker.
Skilled Worker	Skilled trades.
Semiskilled Worker	Semiskilled worker.
Laborer	Laborer (unskilled).
Unemployed	Unemployed.
Other	Architect or urban planner; Clinical psychologist; Computer programmer or analyst; Foreign service worker (including diplomat); Intrepreter (translator); Law enforcement officer; Statistician; Other occupation not listed above.

Appendix D

Institutions Participating in the ACE•UCLA Freshman Survey

Institutions Participating in the CIRP Freshman Survey Program, 1966-1990[a]

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Abilene Christian University	11	16	x	@	@	@	@	@				x	x	@	@	@	@			@			@	@	@		
Academy of the New Church	22	1	@																								
Adelphi University	04	20	x	x	x				x	x		x	x	x	x	x	x	x	x	x	x	@	@	x	@		x
Adrian College	21	25	x	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@	x	@	@	@	@	@
Agnes Scott College	23	10	@	@	@	@	@	@	@						@	@	@										
Alabama A&M University	34	16	@	@									x	x	x	@	@	@		@	@	x	@	x	@	@	@
Alabama State University	34	14							x	x	x	@	@	@	x	x		x	@	@	@	@	@				
Alaska Pacific University	11	3		@								x	x														
Albany Business College	31	2														@	@										
Albertus Magnus College	17	16	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@									
Albion College	23	13	x	x	@	@	@	@	x	@	x	x	x	x	x												
Albright College	23	1										x															
Alcorn State University	34	1																		x							
Alderson-Broaddus College	21	3													x	x	@										
Alexander City State Junior College	27	2														@				@							
Alfred University	13	11	x	x											x	@					x	x	@	@	@	@	@
Alice Lloyd College	31	10											@	@	@	@	@	@	@	@	@	@					
Allegheny College	13	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Allentown College of St Francis de Sales	17	17		@	x	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@							
Alliance College	11	2												@	@												
Alma College	23	15	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@										
Alvin Community College	27	1																x									
American College of Applied Arts	11	3	x		x	x																					
American International College	11	3	x	@	x																						
American University	05	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	x	x	x	x	x	@	@	@	@
Amherst College	14	24		@	x	@	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Anderson College	32	15	@	@	@	@	@	@		@		@		@		@		@		@	@	@	@				
Anderson University	21	1																	@								
Andrew College	31	5	@	@	@	@	x																				
Andrews University	21	13								x	x	@	@	@	@	@	x	x	@	@	x	x					
Antioch College-Washington/Baltimore	13	2																			x	x					
Antioch University	13	9	@	@	x	@	x	@	@	@										x							
Appalachian State University	07	8												@	@	@		@	@	@	@	@					
Aquinas College	17	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Aquinas Junior College	30	7													@	x	x	@	@	@	@						
Arizona State University	01	3																							x	@	@
Arkansas College	21	15	@	x	@	@	@	@	@	@	@	@	@	x	x	@		@									
Assumption College	18	1																	@								
Athens College	20	6																				@	x	@	@	x	x
Atlanta Christian College	15	1		@																							
Atlanta College of Art	11	4			@	x	@	x																			
Atlantic Christian College	20	1								@																	

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[a] Participation in the ACE•UCLA Cooperative Institutional Research Program (CIRP) for a given year is indicated by an "@" or an "X." Insitutions providing data judged to be representative of their first-time, full-time freshman class and included in the national norms report are indicated by an "@." Campuses that participate in the survey but whose data were not included in the norms report are noted by an "X." Participation for 1990 is shown for those institutions that had submitted their data in time to be included in this publication.

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Atlantic Community College	28	2																			@	×					
Atlantic Union College	20	4	×		×		×	×																			
Augsburg College	23	25	×	×	×	@	@	@	@	@	@	@	×	×	@	@	@	×	×	×	×	×	@	@	@	@	@
Augustana College (SD)	22	21		@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@			
Augustana College (IL)	23	21	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@				
Aurora University	21	1		×																							
Austin College	23	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Austin Peay State University	07	18				×	×	@	×	@	×	@	@	×	@	@	@	@	@	×	×	@	@				
Averett College	21	18	@	@	@							@	@	×	×	@	@	@	@	×		×	@	×	@	@	@
Azusa Pacific University	11	11	@						×	×	×	×	×	×	@	@	×		×								
Babson College	13	8	@	@	@	@	@	@									×	×									
Bacone College	31	1												@													
Baker University	21	12	×	×	×	×	×		@		@	×	@	@	@				@								
Bakersfield College	28	2				×	×																				
Baldwin-Wallace College	22	3	@	×	@																						
Ball State University	01	2																					×	×			
Baptist Bible College of Pennsylvania	24	8																@	@	@	@	@	@	@	@		
Baptist College-Charleston	21	3													×			×					×				
Barat College	18	6									×		@	×	×	×	@										
Bard College	13	20	@	@	@	@	@	@	@	@	@	×	×		@	@	×	×	@	×	@	@	@				
Barnard College	14	12	×	×			×	×	@	@	@	@	×	×	@	@											
Barrington College	12	3													@		@		@								
Barry University	16	4		×	×	@													@								
Barton County Community College	27	2								@	@																
Bates College	14	25	×	×	×	×	×	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@
Bay Path Junior College	32	11							@	@									@	@	@	@	@	@	@	@	@
Baylor University	04	25	@	@	@	@	×	@	@	@	@	×	×	×	@	@	@	@	@	@	@	×	@	@	@	@	@
Beaver College	22	10			@	@									@	@	@	@	@	@	×	@					
Bee County College	28	6																		@	@	@	×	×	@		
Belhaven College	22	1														×											
Bellarmine College	17	6	×	×				×									×	×	×								
Bellarmine-Ursuline College	16	8																		×	×	×	×	@	@	@	@
Bellevue College	11	1												×													
Belmont Abbey College	16	2		@														@									
Beloit College	13	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@			@	@	@	@	×	@	@	@	@
Benedict College	35	11			×		×	@	@	@	@	×	@	×	@	@											
Benedictine College	16	19	×	×	@	@	@	@	@	@	@	@	@	×	@	×	@	@	@	@	@						
Bennett College (NY)	31	3																	@	@	@						
Bennett College (NC)	35	8	@	@	@	@					×	@	@	×													
Bennington College	14	11							×									@	×	@	@	@	@	@	@	@	@
Bentley College	12	2															@		@								
Berea College	11	23	@	@			@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Bergen Community College	29	9														×	@	@	@	@	×	×	@	×			
Berkshire Community College	27	4			@		@				@	@															
Berry College	12	14	@	@	@	@	@	@	@	×	@	@	@	×		@					@						
Bethany College (WV)	13	9	×	@	@		@	@	@	@	@	@															
Bethany College (KS)	21	5						@	@							@	@	×									
Bethany Lutheran College	31	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Bethel College	22	1	@																								

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Biola University	11	1	@																								
Birmingham-Southern College	22	17	@	@	@	×	×	×	×	×	@	×	×	×	×	@	@	@	×								
Bishop College	35	5					×								×			×	×		@						
Black Hawk College	29	10															@	×	@	×		×	×	@	×	×	@
Black Hills State College	07	5	×	×	×	×	×																				
Blackburn College	13	9							×		×		@	×	@	×	@	@	×								
Bloomfield College	20	16				@	@	×	@	@	×	×	×	×	@	@	×	@	×	×	×						
Bloomsburg University of Pennsylvania	08	13	@	@	@	@	@	@	×	@	@	@	@	@	@												
Bluefield State College	34	1																		×							
Bluffton College	21	3																	@		@	@					
Boise State University	07	1																									×
Boston College	05	6			×		×		×																@	@	@
Boston University	05	13			×		×		×		@		×	@	×	@	@	×	×	@	×						
Bowdoin College	14	25	@	×	×	×	×	×	@	@	@	×	×	@	@	×	@	@	@	@	@	@	@	@	@	@	@
Bowie State University	34	18	@	@	×	×		×				@	×	×	@	@	×	×	@	@	@	@			@		@
Bowling Green State University	01	8	×											@	@	@	@	@	@	@							
Bradford College	11	9	×	@	@	@						@						@	@	@		@					
Bradley University	04	25	@	@	×	×	×	@	×	×	×	×	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@
Brandeis University	06	24	@	@	×	×	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		@	@	@
Brenau College	11	10	@	@	@	@			×	@					×	×		×	@								
Brevard College	32	20		@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@				
Brewton-Parker College	32	5												@	@	@	@	×									
Briarcliff College	12	9															×		@		×	×	×	@	@	@	@
Bridgewater College	21	3	×	@	@																						
Brigham Young University	04	4					@	×					×									×					
Bronx Community College	28	8	×	×	@	@	×	×																	@	@	
Brown University	06	5			@				@						@	×	@										
Bryan College	15	2																@			@						
Bryant College	12	5															×	×	×	@			×				
Bryn Mawr College	14	16	@	@	@	@	@	@	@	@	@	@	@		@	@	×	@	×								
Bucknell University	14	6		×	×	×			×			×	×														
Buena Vista College	21	24	@	@	@		@	×	×	@	@	@	@	×	×	@	@	@	@	@	@	@	@	@	@	@	@
Bunker Hill Community College	29	1															@										
Butler University	05	6	@	@								@	@	@	@												
Cabrini College	16	3	×	×				×																			
Cal Institute of the Arts	15	1																×									
Caldwell College	16	6	×	@	@	@	@	×																			
Caldwell Community College	27	3								×					×				×								
Calif Baptist College	21	1	@																								
Calif College of Arts and Crafts	11	8	×	@	×	@	×	×									×		×								
Calif Institute of Technology	06	22	@				@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Calif State U-Bakersfield	07	5	×		×									×			@	@									
Calif State U-Chico	07	4											×			×	@	@									
Calif State U-Dominguez Hills	07	6				@	×						×	×	×	×											
Calif State U-Fresno	08	5											×											×	×	×	@
Calif State U-Fullerton	08	18								×	×	×	×	×	@	@	@	×	×	@	@	×	@	@	@	@	@
Calif State U-Long Beach	08	3					@	×	×																		
Calif State U-Los Angeles	08	3	×	×	×																						
Calif State U-Northridge	08	1																	×								

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Calif State U-Stanislaus	08	14			x		x	x	x	x							x	x	@	x	x		x	@		@	@
California Lutheran University	21	11	x	@	@	@		@		@		x		x		x			x		@						
California University of Pennsylvania	08	3																					@		@	x	
Calvin College	22	23	@	@	@	@	@	@	@	@	@	@	@		@	@	@	@	@	@	@	x	@	@	@	@	
Campbellsville College	21	1	@																								
Canisius College	17	13	@	@	@	@	@	@	x	@	x	@	x	@	@												
Capital University	22	4	x	x						@						x											
Cardinal Stritch College	16	22	x	x	@		x		@	x	x	x		@	@	@	@	@	@	x	@	x	x	@	@	@	@
Carl Albert Junior College	25	2										@		@													
Carleton College	14	23	@	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
Carlow College	18	13		@	@	@	@	@	@	@	@	@	@	@	@	@											
Carnegie-Mellon University	06	14	x	@	@	@	@	@	x						@	@	x	@					x	x	@		
Carroll College (MT)	18	9				x			x						@	x	x	@	@	x		@					
Carroll College (WI)	23	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Carson-Newman College	21	21	x	x	x	@	@	@	x	@	x	x	x	x	x	@	@	@	@	x	x	@	@				
Carthage College	22	2		@										@													
Cascade College	11	1																							@		
Case Western Reserve University	05	6					@	@	x																@	x	x
Castleton State College	07	5	x	x	x	@	x																				
Catawba College	21	9	@	@	@	@	@	@	x	@	@																
Catholic University of America	05	14	@	x	@	@	@	@	x		@	@	@	@	@						@	x					
Cazenovia College	32	12									@	@	@	@	@	@	@	@	@			@	@		@		
Cedar Crest College	22	18	@	@	@	@	@	@	@	@	@	x	x	@	@	@	@	@	@	@							
Centenary College (NJ)	21	4	x				x														@	@					
Centenary College (LA)	23	4		@	x	@	x																				
Central Connecticut State College	08	4	x	x	x	x																					
Central Methodist College	21	5	x														@	@	@			@					
Central State University	34	3													x						x	x					
Central Technical Community College	27	12												x	x	x	x	@	x	@	@	@	@	@	@		
Central Virginia Community College	27	1															x										
Central Washington University	08	1	@																								
Centre College of Kentucky	13	20	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@					
Cerritos College	28	10		x													x	x	x		@	x	x	x	@	@	
Chaminade University of Honolulu	16	5												x			x	x	x	@							
Champlain College	32	8				@									@	@	@	@	@	@				@			
Chapman College	11	24	x	x	x	x	x	x	x	@	x	x		@	@	x	x	x	@	x	@	x	x	x	@	@	@
Chatham College	13	25	x	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Chestnut Hill College	18	1																				@					
Cheyney University of Pennsylvania	34	4	@	@	@	x																					
Chicago State University	34	17			x	x		x	x	x				x	x	x	x	@	x	@	@	x	x	@	@		
Chowan College	32	22	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@			
Citrus College	29	6																			x	x		x	x	x	@
City College of San Francisco	29	9														x	@			x	x	x	x	@	@	x	
Claflin College	35	1		@																							
Claremont McKenna College	14	23	@	@	@	@	x	@	x	@	x	@	x	@	@	@	x	@	@	@	@	@	@	@	@		
Clarendon College	26	3																					x	x	@		
Clarion University of Pennsylvania	09	7													@		@						x	@	x	x	x
Clark College	35	17		@	@	@	@		@	@	@	@	@	@	x	@	@	@	@	@	@						
Clark Technical College	27	13											@	x	@	@	@	@	@	@	@	@	x	x	@		
Clark University	14	10	@	@	@	@	@	@														x	x	x	@		

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Clarke College	17	9	×	×	×	×	×											@	@	×	@						
Clarkson University	13	2																	×	@							
Clemson University	01	1																	@								
Cleveland Institute of Art	12	14			@		@	×		×	×	@	×		×	×	×	×	×	×	@						
Cleveland State University	08	2																		×	×						
Cochise College	27	5															×	×						×		@	@
Coe College	13	5										@	×		@	@	×										
Cogswell College	11	2														@	@										
Coker College	11	2																@	@								
Colby College	14	23	@	@	@	@	@	@	×	@	@	×	@			×	×	×	×	×	@	@	×	×	@	@	@
Colby-Sawyer College	11	1																			@						
Colgate University	14	10		×		@		@		@		@		@		×		@		@		@					
College of the Atlantic	11	5	@	×	×		@	×																			
College of the Canyons	27	1			×																						
College of the Desert	27	3	×	×	×																						
College of the Holy Cross	18	3	@	×	×																						
College of the Mainland	27	4																	×	×	×				×		
College of the Sequoias	29	15	×	×	×	×	×	@											@	@	@	@	@	@	@	@	@
College of Aeronautics	32	10															×	@	×	×	×	×	×	@		@	@
College of Art and Design	11	6		@	@	×	×	×	×																		
College of Boca Raton	12	4	@	@	@					×																	
College of Charleston	09	14	×	@	@	@	@	×	×											×	×	@		@	@	@	@
College of Ganado	31	1																×									
College of Idaho	22	2	@	×																							
College of Mount Saint Vincent	18	25	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
College of Mt St Joseph on the Ohio	16	7							×	@	@	@	×					@	×								
College of New Rochelle	18	22	@	×	×	@	×	@	@	@	@	×	×	×	×	×	×	@				×	×	@	@	@	@
College of Notre Dame	17	14	@	@	×	×	@	×	×												×	×	×	×	@	@	@
College of Notre Dame of Maryland	18	1											@														
College of Our Lady of the Elms	16	2																			@	@					
College of Saint Benedict	17	22	@	@	@	@	×	×	@		@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
College of Saint Catherine	17	20	@	@	@	@	@	@	×	×	@	×	@	@	@	@	@	@	@	@	@	@					
College of Saint Elizabeth	12	1	×																								
College of Saint Francis	17	11	@	@	@	@	×					×	@	×				@	@	@							
College of Saint Mary	16	4	@	@	@	×																					
College of Saint Rose	17	3																		@	@	@					
College of Saint Scholastica	17	7							@	@	@			×	@					×	@						
College of Saint Teresa	17	11				@	@	@	@	@	×	@	@	@	@	@											
College of Saint Thomas	18	13	@	@	@	@	@	@	@	@	×	@	@	@		@											
College of Santa Fe	16	5	×															×			×		×	×			
College of Staten Island	29	15			@			@		×	×	×	@	@		@	×	@	×	@	@	×	×				
College of William and Mary	09	9	×	×	@	@			×	×	×	×	×														
College of Wooster	23	9										@	×	@	@	@	@	@	@	@							
College Misericordia	16	11		@	@	@	×	×	×	×	×	@						@	@								
Colorado College	14	11	@	@	@	@	@	×	@	@	×	@									@						
Colorado Mountain College-East Campus	25	4															×	×	×	×							
Colorado State University	02	4	×	×																				×			@
Colorado Women's College	11	4													×		@	@	@								
Columbia College	21	3		@										@								@					
Columbia University	06	11	×	@	@	×	@	×	@	×															@	@	@

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Community College of Rhode Island	29	4												@	x	@	x										
Compton Community College	36	11												@		x	x	x			x	x	x	x	x	x	@
Concord College	07	3	x		x	x																					
Concordia College (NY)	11	9	@	@	@	@	@	@	@	@	@																
Concordia College (OR)	20	16	x	x	x	x			@	@	@	@	@	@	@	@	@	@	@	@							
Concordia College (MN)	23	4															x	x								@	@
Concordia College (AL)	30	2													@					@							
Concordia College	31	4												@	@	x	x										
Concordia Lutheran College	20	5		@	@	@	@	x																			
Concordia Teachers College	23	1				x																					
Connecticut College	14	24	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		@	@	@	@
Converse College	12	15	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x										
Cooper Union	14	1																			x						
Coppin State College	34	19	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x		x				
Cornell College	23	18	x	@	x	x	@	@	@	@	@	@	@	@	@	@	x	@	@	@							
Cornell Univ-School of Human Ecology	06	2																						x	@		
Cornell University	06	5										x	@					@	x	x							
Corning Community College	28	13			x	@	@	@	@	@	@	@	x	@	@	@										@	
Cottey College	31	5										@							@	@	@	x					
Covenant College	22	8	x		@		@		x			x		@	@	@											
Cowley County Community College	26	9																	x	x	@	x	x	@	@	x	@
Crafton Hills College	27	2		@	x																						
Creighton University	04	4	x	@	@	x																					
Cullman College	30	8													@	@	x	@		@	@	x	@				
Curry College	12	4																		x	x	x	x				
CUNY-Bernard M Baruch College	10	7																	x	x		x	@	x	@	@	
CUNY-Borough of Manhattan Cmty College	29	3																		x	x		x				
CUNY-Brooklyn College	09	2	x																				x				
CUNY-City College	09	16										x	@	@	x	@	x	x	@	x	@	x	@	@	@	@	@
CUNY-Eugenia Maria de Hostos Cmty Coll	28	3															x	x	x								
CUNY-Herbert H Lehman College	10	1																					x				
CUNY-Hunter College	08	3																						x	@		x
CUNY-John Jay College of Criminal Justic	07	12									@		@	@	@	@	@	@	x	@	@	@	x				
CUNY-NY City Technical College	29	3																					x		@	x	
CUNY-Queens College	09	1																					x				
CUNY-Queensborough CC	29	19		@	x	x	@	@	@	@	x	x	x	@	@	@	x	@	@	@	@		@				
CUNY-York College	07	10									x		x	x	x	@	@	x	@	@			@				
D'Youville College	16	11	x	@				x	@							x	@	@	x	@		x	x				
Dakota State College	07	2	x				x																				
Dakota Wesleyan University	20	5							x	@													x	x	@		
Dallas Baptist University	21	3																					x		x	@	
Daniel Payne College	35	3															x	x							x		
Daniel Webster College	11	2	@	@																							
Danville Community College	27	1															@										
Dartmouth College	14	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
David Lipscomb College	21	3																					x	x	@		
Davidson College	23	9	@	@	@												@	@	@	@	@	@					
Davis and Elkins College	21	22				x	x	x	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@	@	@
Defiance College	11	22	x	@	@	@	@	x	x	x	@	@	@	x	x	x	@	x	@		@	@	@	x	@		

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Delaware County Community College	28	4																				@	x	x	@		
Delaware State College	34	12					@		@		@					x	x	x				@	@	@	@	@	@
Delaware Valley College of Sci & Agri	11	17									x	@	x	@	@	x	@	@	x	@	@	@	@	@	@	@	@
Delta College	29	2		@											x												
Denison University	13	4	@	@																	x	@					
DePaul University	04	4		x		@		@	x																		
DePauw University	23	20		@	@	@	@		@	@	@	@	@	@	@		@	@	@	@	@	@	@	@	@		
DeVry Institute of Technology (IL)	11	1					x																				
DeVry Institute of Technology (OH)	11	20			x	x		x	x	x	@	@	@	@	@	@	x	@	x	@	@	x	@	@	@		
Dickinson College	14	25	x	@	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@
Dillard University	35	22	@	@	@	@	x	x	@	@	@	@	@	@	@	@	@	@	@	@	x		@	@	@		
Doane College	21	3																		@	@	@					
Dominican College of Blauvelt	16	25	@	x	x	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	x	x	@	@
Dominican College of San Rafael	17	25	@	@	x	@	@	@	@	@	@	@	@	x	@	@	@	x	x	@	@	@	@	@	@	@	@
Dominican College-Racine	17	1																		x							
Donnelly College	31	10																x	x	x	x	x	@	@	@	@	@
Douglas College	07	1					x																				
Dowling College	12	1																					x				
Drake University	05	23	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	x	@	@	@	@	@	x	@		
Drew University	23	12	@	x	x	x	x	x	@	@	x	x	x	x													
Drexel University	13	5					x	x	x					x			x										
Drury College	12	2		@				x																			
Duke University	06	11	@									x	@	@	@	@	@	@	@	x		x					
Dutchess Community College	29	16								@	@	@	@	x	@	@	@	x	@	@		@	x	x	x	@	
Dyersburg State Community College	27	1					x																				
Dyke College	15	2																@	x								
Earlham College	23	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
East Carolina University	07	5				@				@	@	@	@														
East Central College	27	3																x	@	x							
East Central University	07	3																			x	x	@				
East Georgia College	25	9	@	@	@	@	@					@	@	@	@												
East Los Angeles College	29	3											@	x					x								
East Stroudsburg University	08	3												@	x	@											
East Texas State University	07	1																		x							
Eastern College	21	5					@												@	@	x	x					
Eastern Mennonite College Inc	21	24		@	@	@	x	@	@	x	x	x	x	x	@	x	@	@	@	@	@	@	@	@	@	@	@
Eastern Montana College	07	6	x							x	x	@	x	@													
Eastern New Mexico University--Roswell	10	1	x																								
Eastern New Mexico University-Portales	07	4	@	@	@	x																					
Eastern Washington University	08	1	x																								
Eastern Wyoming College	25	7							@					@	@	@	@	@	@								
Eckerd College	23	19	@	@	@	x	x	x	x	x		x	x		@	x	@	@	@	@	@	@	@				
Edgewood College	16	2										@	@														
Edmonds Community College	27	1																							x		
Eisenhower College	13	10										x			@	@	@	@	@	x	@	@	@				
Elizabeth City State University	34	17				x	x	x	x	@	@	x	x	@	x	@	x	x	@	@	@	@					
Elizabeth Seton College	32	4															x	x	@	x							
Elizabethtown College	13	22	@	@	@	@	x	@	@	@	@	@	x	@	x	x	@	@	@	@	x	@	@	@			
Elmira College	13	6										@	@	x	x	x						x					

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Elon College	21	11	@	@	@	@	@	@	@					@	@						@	×					
Embry-Riddle Aeronautical University	11	4	@	@	@	×																					
Emerson College	12	11	@	@	@	@	@	@	@	@	@	×			×												
Emory and Henry College	22	25	@	@	×	×	@	@	@	@	@	@	×	@	@	@	@	@	×	@	@	@	@	@	@	@	@
Emory University	05	21	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@					@
Emporia State University (KS)	07	1																		×							
Emporia State University (KS)	21	1																		×							
Erskine College	21	10	@	@	@	@	@	@									×			@	@	@					
Essex County College	29	1																	@								
Eureka College	21	8	@	@		@	×			×			×	@						@							
Evergreen State College	07	16	×	×	×	×	×	@		×	×	×	×	×		×	×	×	×	×							
Fairfield University	18	10	×	@	@				×					@	@	@	@	@	@								
Fairhaven College	30	5																×	×	×	×		×				
Fairleigh Dickinson U-Rutherford Campus	13	1					×																				
Fairleigh Dickinson U-Teaneck Campus	13	15	@	@	×	@							×	×	×	×	@	@	×	@	×	×	×				
Fairmont State College	07	20	×	×	×	×	×		@		@	×	@	@		@	×	×	@	×	×	×			@	@	@
Feather River College	26	1															×										
Felician College	16	3											×	×	×												
Ferris State University	07	1			@																						
Ferrum College	21	5	@	@	@				@	×																	
Findlay College	20	8	×		×		×	@	@											@	@	@					
Fisk University	35	23	@	@	@	@	@	@	@			@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Fitchburg State College	08	2		×									@														
Florida A&M University	34	3		×													@	@									
Florida Atlantic University	07	1			@																						
Florida College	31	11	@	@	@	@									×	@	@				@	@		@	@		
Florida Institute of Technology	13	1										@															
Florida Keys Community College	26	5																		×	×		×	×	@		
Florida Memorial College	35	1																		×							
Florida State University	02	16	×	@	@	@	@	@	@	@	@	@	×	×										@	@	×	@
Fordham University	05	5	@	@	@	@	×																				
Fort Hays State University	08	17			×		×	@	×	@	@	@	×	×					@	×	@		×	×	×	×	@
Fort Lewis College	07	1																					×				
Fort Scott Community College	25	20		×	×	@	@	@	@	×	×	@	@	×	×	@	@	@	@	×	@	@		×			
Fort Valley State College	34	1													@												
Framingham State College	09	16	@	@	×	@								×	×	@	@	×	@	@	@	@	×	@	@		
Franklin and Marshall College	14	25	@	@	×	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Franklin College	12	7	@									@	@	@	@	@	@										
Franklin Pierce College	11	4	×	×	@	×																					
Franklin University	11	2						×	×																		
Freed-Hardeman College	20	23	@	@	@	@		@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	
Fresno City College	29	1															@										
Fresno Pacific College	21	3	@		@		×																				
Friends University	20	2							×							@											
Frostburg State University	07	3																	×	@	@						
Furman University	23	18	@	@	@	@	@	@	@	×	×	@	@	@	@	@	@		@	@	@						
Gallaudet University	11	15						×						×	×	×	×	×	×	×	×	×	×	@	@	@	@
Gannon University	17	12	×				×	@	@	@	×	×	×	×	@	@	@										

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Garden City Community College	27	14			@	x	x	@	x	@					x		@	@	@	@	@	@			@		
Gardner Webb College	20	3	@	@	@																						
Garland Junior College	31	6																@	@	@	@	@	@				
Geneva College	21	6	@										@	@						@	@	@					
George Mason University	09	7															x	x	@	x	@	x	@				
George Peabody College for Teachers	11	4																						@	x	@	@
George Washington University	05	2		@	@																						
George Williams College	12	15						@	x					x	x	@	@	@	@		@	@	@	@	@	@	@
Georgetown University	06	5	@		@	@													@	x							
Georgia Institute of Technology	09	25	@	@	x	x	x	@	@	@	@	x	@	x	x	x	@	x	@	x	x	x	@	x	@	@	@
Georgia Southwestern College	07	13	@		@		@					x	x	@	@	@	@		@	@	@	@					
Georgian Court College	16	3			x			@				@															
Gettysburg College	14	22	@	@	@	@	@	@	@	@	x				@	@	@	@	@	@	@	@	@	@	@	@	@
Glassboro State College	08	6	x	@	@	@	@																x				
Goddard College	13	3																	x	x	x						
Gonzaga University	17	21	x	x	x	@	@		@	@	@	@	@		x		@		x	@	x	x	x	x	x	@	@
Gordon Colloge	13	5	@	@	x	@	x																				
Goshen College	22	3					@	x												@							
Goucher College	13	9	x	x	@	@				x		@		@	@	@											
Grace Theological Seminary	21	3			x	x	x																				
Graceland College	22	1																	x								
Grambling State University	34	1																x									
Grand Canyon College	21	3																	x			@	@				
Grand Rapids Baptist College	20	5	@			x	x	@													x						
Grand Valley State College	08	1																		x							
Grandview College	11	21			x	x	x	x	x	x	@	x	@	x	x	@	@	x	@	x	@	x	x	x	@		
Grayson County College	27	15	@		x							@	@	@	@	@	@	@	@	@	@	@	@	@			
Green River Community College	29	1																					x				
Greenfield Community College	28	1																					x				
Greensboro College	21	3	@	@			x																				
Grinnell College	14	21	@	@	@	@	@	@	@	@	@	@	@	@	@				x		x	x	x	@	@	@	@
Grove City College	13	1										@															
Guilford College	23	24	@	x	@	@	x	x	x	@	x	x	x	x	@	x	@	x	x	@	@	@		@	@	@	@
Gulf Coast Community College	28	13								@	@	@	x		x	@	@	@	@	@	@	@	x				
Gustavus Adolphus College	23	20	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@		@				
Gwynedd-Mercy College	16	1																@									
GMI Engineering & Management Institute	13	25	@	@	@	@	@	@	@	x	@	x	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@
Hamilton College	14	23	@	@	@	x	x	@	@	x	@	@	@	@	@	@	@	@	@	@	x	x	@	@	@		
Hamline University	23	25	@	@	@	@	x	x	@	@	@	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@
Hampden-Sydney College	22	21	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@				
Hampshire College	13	6	x												x		x	x	x	x							
Hampton University	35	2														@						@					
Hannibal-Lagrange College	20	15	x	x	@	@	@								@			@	@	@	@	@	@	@	@	@	
Harcum Junior College	32	7					@	@	@	@	@	@	@														
Harding University	21	18						x	x	x	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@		
Harriman College	31	4														@	@	@		@							
Harris-Stowe State College	07	2																					x	x			
Harrisburg Area Community College	29	4																				x	x	x		x	
Harvard University	06	5																					x	x	x	x	x

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Harvey Mudd College	14	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@			@	@	@	@
Haverford College	14	21	@	@	@	@	@	@	@	x	x	x	@			@	@			@	@	@	@	@	x	@	@
Hawthorne College	31	4																	x	x	x	@					
Heidelberg College	21	6									x		@		@		@		x			@					
Hendrix College	22	12		@	@		@	@	@	@	@	@	@	@	@	x											
Henry Ford Community College	29	3																							@	@	@
Herkimer County Community College	28	15		@		@		@		@		@		@		@	x		x	x	@	@	x	x	@		
Hesston College	31	4	@	@	@	x																					
Hibbing Community College	27	1	@																								
Highland Community College	27	6																			@	x	x	@	@	@	
Hillsborough Community College	28	1																		@							
Hillsdale College	12	1										@															
Hiram College	12	21	@	@	@	@	@	x	@	@	@	@	@	x	x	x	@	x	@	@	@	@	@				
Hobart and William Smith Colleges	14	13	@	@						x	x		x	x	x	x	@	x	@	@	@						
Hocking Technical College	29	9	x	x	@	x	@	@					x	x						x							
Hofstra University	04	12			@				x		@		@		@	@	@	@	@	@	@	@					
Hollins College	13	21	@	@	@	@	@	@	x	x	@	x		x				@	x	x	x	x	@	@	@	@	@
Holy Cross Junior College	30	1																						x			
Holy Names College	17	9									x	x	x	x	x	x	x	x	x								
Holy Redeemer College	19	3							@	x	@																
Hood College	13	15	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@										
Hope College	13	8			x					x							x	x	@	@	@	x					
Houghton College	23	8	@					x	x	@	@	x	x	x													
Houston Baptist University	21	4					@																x	@	x		
Howard Community College	26	2																	x	x							
Howard University	35	22	x	x			x	x	@	x	@	x	x	x	@	@	@	x	x	x	x	x		@	x	x	x
Humphreys College	30	19		x	x	x		x	@	@			x	x	x	x	@	@	x	x	@	@		x	x	x	
Huntington College	21	19	@	@	@	@	@	@				@	x	x	@		x	@	x	@	@	x	@	@	@		
Huron College	20	10														@	@	@	x	@	x	x	x	@	@		
Huston-Tillotson College	35	4							x							x				x					@		
Idaho State University	07	10	x		x	x											x	x					x	@	@	x	@
Illinois Benedictine College	17	7	x		x	x		@		@				x			x										
Illinois Central College	29	1																							@		
Illinois Institute of Technology	13	12			x	@	x	x	x	x			x										@	@	@	@	@
Immaculata College (IL)	12	2																								@	@
Immaculata College (PA)	17	1	@																								
Immaculate Heart College	17	8															x	x			x	@		x	@	x	@
Indian Hills Cmty College-Centerville	26	5																					x	x	@	@	@
Indian River Community College	28	7												x						@			@	@	@	x	@
Indiana Institute of Technology	12	5										x				x	x	@	x								
Indiana U-Purdue U-Indianapolis	01	8	x										x	x	x	x	x	x	x								
Indiana University	01	16	x	x	x	x	x	x	x	x	x	x	x	x		x	x				x		x				
Indiana University of Pennsylvania	09	1						x																			
Indiana Wesleyan University	21	10		@	@	x	x	@	x		x	@	@	@													
International Junior College of Business	32	1															@										
Inver Hills Community College	28	1															@										
Iona College	17	1																	@								
Iowa State University	02	22	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		x	@		
Iowa Wesleyan College	21	25	@	@	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Itasca Community College	27	6								@													@	@	@	@	@
Ithaca College	13	7														x	x	x	x	x	x	@					
Jackson State University	34	11										x	x	x	@	x	x	x	x	x	x	x					
Jacksonville State University	07	1	@																								
James Madison University	08	1																				@					
Jamestown Business College	32	1															@										
Jamestown Community College	28	8		@				x		@			@			@			@			x				x	
Jefferson Community College	27	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@		
Jefferson Technical College	27	1												@													
Jersey City State College	07	1													x												
John A Gupton College	30	2																@		x							
John Brown University	11	7		@		@		@		x		@			@							@					
John Carroll University	18	1	@																								
John Tyler Community College	26	2																						x	@		
Johns Hopkins University	06	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Johnson C Smith University	35	24	@	@	@	@	@	@	@	@	@	@	@	@	@		@	@	@	@	@	@	@	@	@	@	@
Johnston College	23	2																	@	x							
Judson College	11	5					@					x	@	x	@												
Juniata College	13	12	@	@	@	@		x	@	@	@	@	@	x	x												
Kalamazoo College	13	16			x	x	x	x	x	x	x	x	@	@	@	@	@	x	@	x							
Kalamazoo Valley Community College	27	1																x									
Kansas City Art Institute	11	17	@	x	@	@	@	x	x	@	@	x	@	@	@	@	x	@			x						
Kansas Wesleyan University	21	13			x		@										x	x	x	x	x	@	@	x	@	@	@
Kean College of New Jersey	08	7										@	@	@	@	@			x	x							
Keene State College	07	12	x		x	@	@	@	@	@	@	@	@	@	@												
Kenai Peninsula Community College	25	1												@													
Kendall College of Art and Design	11	1	x																								
Kent State Univ-Stark	27	4				@									@	@	x										
Kent State University	01	1	@																								
Kent State University-Ashtabula	27	3													@	@	x										
Kent State University-East Liverpool	26	3													@	x	x										
Kent State University-Geauga	26	1															x										
Kent State University-Salem	25	5											@	@	@	x	@										
Kent State University-Trumbull	28	7													x	@	x	x	@	@	@						
Kent State University-Tuscawaras	26	7												@	@	@	@	@	@	@							
Kentucky State University	07	16								x		x	x	x		x	x	x	@	x	@	x	x	x	@	x	@
Kentucky Wesleyan College	20	22	x	x	x	x	x	x	x	@	@	@	@	@	x	x	@		x	x		x	@	x	@	@	
Kenyon College	14	11	x	@	@	@	@	@	@	@	@	@		@													
Keuka College	12	1							x																		
Keystone Junior College	32	21		@	@	@	@	@	@	@	@	@	@	@				@	@	@	@	@	@	@	@	@	@
King College	23	5	x		@		@		x						@												
King's College (NY)	12	4		@	@	@	x																				
King's College (PA)	12	10	@	@	@	@	@	@	x	@	@	@															
Kirkland College	14	10														@	@	@	@	@	@	x	@	@	@		
Kirtland Community College	25	4			@	@	@	x																			
Kishwaukee College	27	13										x	x	@	@	x	x	@	x	@	@	x	@	@			
Kittrell College	37	2																	@		@						
Knox College	13	13	x			@	@	@	@	x	x	x	x	@	@	@	@										

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Knoxville College	35	8					×						×	@	×	@		×		×					@		
Kutztown University of Pennsylvania	09	1																					×				
La Roche College	16	7	@	×							×										@	×	×	@			
La Salle University	18	14		@		@		@	@	@	@	@	×		×		×	×	@	×	×						
Laboure' College	31	1																×									
Lafayette College	14	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
Lake City Community College	27	19				×		×	@	×	@	@	×	@	×	@	@	×	@	@	@	@			×	@	@
Lake Erie College	12	6		×											×		@	@	@	@							
Lake Forest College	23	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@
Lake Superior State College	08	1	×																								
Lake-Sumter Community College	26	1													@												
Lakeland College	21	15											@	×	@	×	@	×	@	×	@	@	@	@	@	@	@
Lakeland Community College	28	4						×	×													@	@				
Lakeshore Tech	26	3																×	@	×							
Lamar University	07	6	@	×	@	@	@	×																			
Lambuth College	21	2							@	×																	
Lander College	07	14	@	@	@	@	@	@	@	@	@	@	@	@				@	×								
Langston University	34	3																		×	×	×					
Laredo Junior College	28	5																				×	×	×	×	×	
Lawrence University	13	13	×	@	@	@	×	@	×	@	@							×	×	×	×						
Lawson State Community College	34	14		@			×	×		×		@	@	×	@	@	@			@	@	@	@				
Le Moyne College	18	25	@	@	@	@	×	×	@	@	@	@	@	×	@	@	@	@	@	@	@	@	@	@	@	×	@
Le Moyne-Owen College	35	1																		×							
Lea College	14	1																					×				
Lebanon Valley College	23	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Lee College (TN)	20	1										×															
Lee College (KY)	31	3																		@	@	@					
Lehigh University	06	9							@	@	@	@	@	@	@	@	@										
Lenoir-Rhyne College	21	16	@	×	@	@	×	×	@	×	×					@	@	@	@	@	@	@					
Lesley College	12	9				@	@	@	@	@	@	@	@	@													
Lewis & Clark Community College	26	1																				×					
Lewis and Clark College	13	19	×			@	@	@	@	@	@	×	×	@	@	@	@	@	@	@	×	@	@				
Lewis University	12	12	@	@	@	@	×	@	@	@	@	×	×							×							
Limestone College	11	1				×																					
Lincoln College	31	3																			×		@	@			
Lincoln Memorial University	11	1	×																								
Lincoln Technical Community College	27	1																			@						
Lincoln University	35	15	@	@	@	@	@	@	@	×	@	@									@	@	@	@	@		
Lindenwood College	21	13												×	@	@	@	@	@	@	@	@	@	@	@	@	
Linfield College	22	19	×		@	×	@	×	@	@	@	@	@	@	@	@	×	×	×	@	×	×					
Livingstone College	35	10									×	×	×	×		×	×	@	×	×	@						
Lock Haven University of Pennsylvania	07	24	×	@	×	×	@	×	×	×	×	@	@	@	@	×	@	×	@	@	@	@	@	×	@	@	
Lone Mountain College	17	2																×				×					
Long Island U-C W Post Center	12	4								×				×	×	×											
Long Island University-Southampton	12	13						×	×	×	×	@	×	@	×	@	@	×	×	×							
Longwood College	07	23	@	@	@	@	×	×	×	×	×	@	×	@	@	@	@	@	@	@	@	@	@	@	@		
Lorain County Community College	28	4																×						×	×	@	
Loretto Heights College	11	22				×	×	@	×	×	@	@	×	×	@	×	×	@	@	@	@	@	@	@	@	@	@
Los Angeles City College	29	10												×	×	×	×	@	×	@	@	×	@				

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Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Los Angeles Harbor College	29	1																	×								
Los Angeles Pierce College	29	1																	×								
Los Angeles Southwest College	27	1																	×								
Los Angeles Trade Technical College	29	1																	×								
Los Angeles Valley College	29	1																	×								
Louisiana College	20	6				@	@	@	@					@	@												
Louisiana State U-Alexandria	27	22	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@			@	×	
Louisiana State U-Eunice	25	13	@	×	@	@	×	×	@	@	@			@				×							×	×	
Louisiana State U-Shreveport	07	3										@													@	×	
Louisiana State University and A and M C	01	3																							@	×	@
Louisiana Tech University	07	7																			@	×	×	×	@	@	@
Loyola College	18	15	@	×	@	@	@	@	@	@	@	@	@	@	@	×	@										
Loyola Marymount University	04	5	@	@						@	@	@															
Loyola University (LA)	04	21	×	×	@	@	@	@	@	@	@	@	@	@	@	@	×	×	@	×	×		@	@			
Loyola University (CA)	17	8																		×	×	×	×	×	@	@	@
Loyola University of Chicago	04	23	@	×	×	×	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
Luther College	23	14			×	×				×	@	×	@	@	@			×	@	@	@	@	@				
Lycoming College	22	1	@																								
Lynchburg College	12	14	@	@	@	@	×	@	×				@	@	@	×	×	×			×						
Lyndon State College	07	1			×																						
Mac Murray College	23	22	×	×	×	×	×	×	@	×	@	×	@	@				@	@	@	@	@	@	@	@	@	@
Macalester College	14	17	@	@	@	@	@	@	@	@	@	@	×	×	×	×			×	@		×					
MacCormac Junior College	31	16	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		@								
Madison Area Technical College	29	6				@				@			×			×		×				@					
Madonna College	16	10															×	×		@	@	@	@	@	@	@	@
Maharishi International University	11	10			@	×	×	×	@			×	×		×	×	@										
Maine Maritime Academy	07	4	@	×	×	×																					
Mallinckrodt College of the North Shore	30	1											@														
Manatee Community College	29	14									×	×	×	×	×	×	@	@	@	@	@	@	@	×			
Manchester College	21	14			@	@	@	@	×	@	@			@		@		@		@	@	@	@				
Manhattan College	18	18	@	@	@	@	×	@	@	@	@	@	@	@	@	@	@	×		×		@					
Manhattanville College	13	19	@	@	@	@	@	×	@	@	@	×	@	@	@	@	@	@			×				@		×
Mankato State University	07	1				×																					
Manor Junior College	30	11	@	@	@	@	@			@	×	@	@	@	@												
Mansfield University of Pennsylvania	08	3																	@	@	@						
Maria Regina College	31	8						@	@	@	@	@	@	@	@												
Marian College of Fond du Lac	18	17									@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Marietta College	12	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Marist College	12	16	@	@		×		×		×	@	×	×	×	×	@	×	×	×	@	×						
Marjorie Webster Junior College	32	1																				@					
Marlboro College	13	24		×	×	@	@	×	×	×	×	×	×	×	×	×	×	@	@	@	@	@	@	@	@	@	@
Marquette University	04	17	@	@	@	@	@	@	@	@	@	@	@	@	×	×	@	@	@								
Mars Hill College	20	15	@	@	×	×	@					@	@	@	@	@	@	@		×	@	@					
Marshall University	07	1	×																								
Mary Baldwin College	22	23	@	@	@	@	@	×	@	×	@	@	@	×	@	@	×	×	×	×	×	×			@	@	@
Mary Holmes College	35	4						×	×									@					×				
Mary Manse College	17	1																		×							
Mary Washington College	09	2																	@	@							
Marygrove College	16	2														@	@										

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Maryknoll Smeinary	18	3																						@	@	@	
Maryland Institute College of Art	11	17	x	x	@	@	x	x	@	@	@	@	@	@	@	x	x		@	x							
Marymount College (KS)	16	23			@	@	@	@	@	@	@	@	x	x	@	x	x	x	x	x	x	@	@	@	@	@	@
Marymount College (NY)	17	12	@	@	@	@	@	@	@	@	@	@	x	x													
Marymount College	32	1	@																								
Marymount Manhattan College	13	17		x	x	@	@	x	@	x	x	x	x	x	x	x	x	@	x	x							
Marymount University	19	12	@	@	@	x	@	x	@	@		x	x	x	x												
Maryville College	21	6				@	@			x		@		@					@								
Marywood College	17	22	x	x	@	x	x	x	@	@	@	@	@	x	x	x	x	@	@	@	@	@	@	@			
Massachusetts Bay Community College	29	8							x		x	@	@	@	@	@	@										
Massachusetts College of Art	08	3	@	x				x																			
Master's College	20	24	@	@	@	@	x	@	@	x	@	@	@	@	@	@	@	@	@	@	@	x	@		@	@	@
Mattatuck Community College	27	1	x																								
Mayville State University	07	11	@	x	x	@	x	@	@	@	@	@	@														
McKendree College	20	6												@	@	@	@	@	x								
McPherson College	20	25	@	@	@	@	@	x	@	@	@	@	@	@	x	x	@	@	x	@	@	@	@	@	@	@	@
Medaille College	11	16								@	@	x	x	x	@	x		x	@	@	@	@	@	x	@		x
Medgar Evers College	10	2														@	@										
Memphis State University	07	3		@		x	x																				
Menlo College	11	1																	x								
Mercer County Community College	29	6																			x	x	x	x	@	@	
Mercer University	22	2	x	x																							
Mercy College	12	1													@												
Mercy College of Detroit	16	9															x	x	x	x	x	@	@	x	@		
Mercyhurst College	16	23	@	@	@	@	@	@	@	x	x	x	@	x	x	@	@	x	x	@	@			x	@	@	@
Meredith College	22	1																	@								
Merrimack College	17	17	x	x		x	@	x	@	@	@	@	@	@					x	@	@	@		@	@		
Mesa College	07	3																							@	x	@
Messiah College	21	2	x		@																						
Miami University	03	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@
Michigan State University	02	7			x						x											x		@	@	@	@
Mid-American Nazarene College	20	18	x	x	x	x	@	@	x	x	x	@	@	@	@	@	@	@	@	@							
Middlebury College	14	24	@	@	@	x	x		x	x	x	x	x	x	x	x	x	x	x	@	@	x	@	@	@	@	@
Middlesex Community College	28	6								@	@	@	@	@	@												
Middlesex County College	29	7																@	x	@	@		x	@	@		
Midway College	31	21	@	@	@	@	x	@	x	@	@	@		@		x	@	x	x	@	@	@	@	@	@		
Midwestern State University	08	2		x									x														
Millersville University of Pennsylvania	09	2			@			x																			
Milligan College	11	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@		
Mills College	13	23	x	x	x	x	@	@	@	x	x	x	x	@		@	@	x	x		x	x	@	x	@	@	@
Millsaps College	22	8																x	x	x	@	x	x	@	@		
Milton College	11	6																		x	@	x	x	@	x		
Milwaukee School of Engineering	13	5	x		x	x	x	x																			
Minneapolis College of Art & Design	11	4				@	@	x	x																		
Mira Costa College	27	3																		x					x	x	
Mississippi College	22	17	x	x	x	x	x	x	x	x	x	x	x	x	x	@	x	x	x								
Mississippi State University	02	1																	x								
Mississippi University for Women	08	1																				x					
Missouri Baptist College	15	4																		x	x	x	x				
Missouri Valley College	21	6												@	@	@	x	@	@								

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Modesto Junior College	29	5																	@		×		×		@	@	
Mohawk Valley Community College	29	1																@									
Molloy College	17	5								×	×	@	×						×								
Monmouth College (NJ)	11	8	@	@	@	@	@	@	@	×																	
Monmouth College (IL)	21	16		×						@	@	@	@	@				@	×	@	@	@	@	@	@	@	@
Monroe County Community College	27	1														×											
Montana College of Mineral Sci & Tech	07	5							×	@	@	×			×												
Montana State University	01	~17	@	@	×		@	@	@								@	@	@	@	@	@	@	@	@	@	@
Montay College	30	2	@	@																							
Montclair State College	08	12						×		×				×	×	×	×	×					×	×	×	@	@
Montgomery County Community College	29	1																				@					
Monticello College	11	4																					×	@	@	@	
Moore College of Art	12	5	×	×	×	@	×																				
Moorhead State University	08	1						×																			
Moorpark College	28	4																				×	×	×	×		
Moravian College	23	4	×	×	×														×								
Morehead State University	07	4	×		@			×												×							
Morehouse College	35	23	×	×	@	@	@	@	@	@	@	@	@	@	×	×	@	×	×	×	×	×			@	@	@
Morgan State University	34	20		×	×	×	×	×	×		@	@	@	@	@	@	@	×	×	@	×	×				@	@
Morningside College	22	22	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	×	@	×	@	@	@	@			
Morris Brown College	35	11	×	×	×	×														@	@	@		×	@	×	×
Morristown College	37	3														@		@					@				
Mount Holyoke College	14	25	@	×	×	×	×	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Mount Mary College	16	2						×	×																		
Mount Mercy College	16	1																@									
Mount Olive College	20	19	@	×	@	@	@	@	@	@	@				@	@	@	@	@	@	@	@	@	@			
Mount Saint Clare College	19	10		×	@	×	@	×	@	@	@	@	@														
Mount Saint Mary College	11	20	×	@	×	@	@	×	@	×	×	@	@	@	@	×	@	@	@	@	@	@					
Mount Saint Mary's College	17	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@		
Mount Saint Mary's College-Chalon Campus	17	12	×	×	×	×	@	@	@	@	×	@			@			×									
Mount Saint Marys College-Doheny Campus	30	4	@	@	@	×																					
Mount Saint Scholastica College	16	4																				@	@	@	@		
Mount San Antonio College	29	13			×											@	@	@	@	×	×	×	×	×	@	@	@
Mount Union College	22	6	×										@				@	@	@	@							
Mount Vernon College	12	12	×		@		×	@	@	@	@	@	@	@	@	@											
Mount Vernon Nazarene College	20	14	×	@	@	@	@	@	×	@	@	@	@	@	@	×											
Muhlenberg College	23	4	@	@		@					@																
Mundelein College	12	19	@	×	@	@	@	@	×	@	×	×	×	×	@	×	×	@	@	×			×				
Muscatine Community College	26	7																		@	×	@	@	×	@	@	
Muskingum College	22	6		@				@								@	@	@	@								
Napa College	27	3																			×				@	@	
Nassau Community College	29	2												×						@							
Nasson College	12	2														×	@										
National College of Education	11	13											×	@	@		@		×	@	×	@	×	@	@	@	@
Nazareth College of Kalamazoo	11	11		×													×	@		×	@	×	×	@	@	@	@
Nazareth College of Rochester	12	25	×	@	@	×	×	@	@	@	@	@	@	×	@	×	×	×	@	@	@	@	@	@	@	@	@
Nebraska Wesleyan University	12	6	@						@	@	@	@	×														
Neumann College	13	3	@	@	×																						
New England College	11	3	@		@	×																					

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
New Hampshire College	11	1																		@							
New Jersey Institute of Technology	09	25	@	@	x	@	x	x	@	x	x	x	x	@	@	@	x	@	@	x	@	@	@	@	@	@	@
New Mexico Highlands University	07	2				x						x															
New Mexico Junior College	27	10					@					@	x	@	@	@		@	x	x	@						
New Mexico Military Institute	27	3	@		@			x																			
New Mexico State U-Alamagordo	26	5															x	x	x	x	@						
New Mexico State U-Carlsbad	25	2														@	@										
New Mexico State University	01	7																			x	x	x	@	x	@	@
New River Community College	26	1															@										
New York University	05	7																	x	x	x	x		x	x		x
Newbury College	32	2														x	x										
Newport College-Salve Regina	16	1															@										
Newton College	18	8																		x	@	x	@	@	@	@	@
Niagara County Community College	28	9							x										@	@	@	x	@	@	@	@	
Niagara University	17	2	@	@																							
North Adams State College	08	6				@	@	x	x	@	x																
North Carolina A&T State University	34	21	x	x	x	@	x	x	x	x	@	x	@	@	@	@	@	@	@	@	@	@	x				
North Carolina School of the Arts	08	2																		x	x						
North Carolina Wesleyan College	21	19	@	x				x	x	x	x	x	@	@	@	x	x		@	@	@	@	@	@	@		
North Central College	22	5	@	@	x	x								x													
North Dakota State University	02	8		@				@					@				@		@			@				@	@
North Florida Junior College	25	4									@	@	x	@													
North Greenville College	32	14		x								@	x	@	@	@	@	@	@				@	@	@	@	@
North Park College	22	1	@																								
North Shore Community College	28	11	x	x	x	x	x	@	@	x	@	x	@														
Northampton County Area CC	28	20			x	@	x	x	x	x	@	x	@	@	@	x	x	x	@	@	x		@	@	@		
Northeast Missouri State University	08	9	@	@	@	x	@	@	x								x	@									
Northeastern Christian Junior College	31	4																		@				x	@	@	
Northeastern Illinois University	07	11					x	x	x	x	@	x	x	@	x	@	x										
Northeastern Junior College	27	2																			@	@					
Northeastern State University	07	14	@	x	x	x	x	@	@	@	@	@				x	@	x		@							
Northeastern University	04	25	x	x	@	x	@	x	@	@	x	@	x	@	x	@	@	x	x	@	@	@	@	@	@	@	@
Northeastern-Burlington	28	2																							@	@	
Northern Essex Community College	29	9						x	x	x	x		x	x	x					x					x		
Northern Illinois University	02	16	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@									
Northern Michigan University	07	1																				@					
Northern Montana College	07	1		@																							
Northern Nevada Community College	26	1																				x					
Northland College	12	16										x	x	@	@	x	@	x	@	x	@	@	@	@	@	@	@
Northwest College-Assemblies of God	24	1																	@								
Northwest Community College	27	4	x																	@	@		@				
Northwest Missouri State University	07	22	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	x	@				x	@	@	x	@
Northwestern College	22	16	@	@	@	@		@	@	x	x	@	@	@	@	x	@	@	@								
Northwestern University	06	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	x	@	@	@
Notre Dame College (NH)	16	10	x	@	@	x		@	@	@	@	x	x														
Notre Dame College (OH)	16	4											@	@	@	@											
Nyack College	21	4			@		@		@	x																	
Oakland City College	20	11		x	@	x	x	x				x	x	x						x						@	@
Oakland University	08	24	@	@	@	@	@	@	@	@	@	@	@	x	@	x	@	@	@	x	@		x	@	@	@	@

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Oakton Community College	28	1									x																
Oakwood College	35	1																		x							
Oberlin College	14	21	@	x	@	@	@	@	@	@	@	x	@		x	x	x	x	@	@				@	@	@	@
Occidental College	14	24	@	@	x	@	@	@	@		x	@	x	x	@	@	@	@	@	@	@	@	x	x	@	@	@
Ohio Dominican College	16	25	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Ohio Northern University	22	8		x													x	x	x	x	@	x	@				
Ohio State University	01	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@			@	@	@	@
Ohio State University-Lima	07	2				x							@														
Ohio State University-Mansfield	27	1											@														
Ohio State University-Marion	07	11	@	@	x	x	x	@	@	@	x	@	@														
Ohio State University-Newark	27	1											@														
Ohio University	02	3																				x		x	@		
Ohio University-Chillicothe	25	19		x	@	@	@	@	@	@	@	@	x	@	x	x	@	@	@	@	@	@					
Ohio University-Zanesville	26	1																				x					
Ohio Wesleyan University	22	18			@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@					
Oklahoma Baptist University	21	6			x			@					x	x	x	@											
Oklahoma Christian College	11	9															@	x	x	x	@	@	@	@	x		
Oklahoma City University	23	2						@	x																		
Oklahoma State University	01	9				@	@	x												@	@	@			@	@	@
Old Dominion University	08	7				x	x	x											x	@	@	@					
Olivet College	12	1																			x						
Olivet Nazarene College	21	2																		x	x						
Oral Roberts University	12	9										x	@	@	@	@	@	@	@					x			
Orange Coast College	29	17				x	x					x	x	@	x	x	@	x	@	x	x		x	@	x	@	@
Oregon State University	01	2																								x	x
Otis Art Institute of The	11	1						x																			
Ottawa University	21	11												@	@	@	@		@	@	@	@	@	@	@		
Otterbein College	22	17		@	@	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@							
Our Lady of The Lake University	16	15	@		@			@							x	x	x	x	@		x	@	@	@	x	@	@
Pace University	12	16			@	x	x				x		x		@		x	x	x	x	@	@	x	@		x	x
Pace University-White Plains	17	6	@	@	@	@									x		@										
Pacific Union College	21	2		@														@									
Pacific University	12	17	x			x	x	@	x	@	@	@	x	@	@	@	@	@	@	@	@						
Packer Collegiate Institute	30	5																				@	@	x	@	@	
Paducah Junior College	16	3																					x	@	@		
Paine College	35	3				@	x	x																			
Palmer Junior College	31	1																x									
Park College	20	14	x	x	@	x	x	@								@	@	x	x	x	x				@	@	
Parkland College	29	1		x																							
Parsons College	22	5																			@	x	@	@	@		
Passaic County Community College	27	2																	x	x							
Patrick Henry Community College	25	2					@										@										
Penn State U-Allentown Campus	25	15		@	@	@	@	x	@	@	@	@	@	@	@	@	@								@		
Penn State U-Altoona Campus	28	15		@	@	@	@	@	@	@	@	@	@	@	@	@	@								x		
Penn State U-Beaver Campus	27	14			@	@	@	@	@	@	@	@	@	@	@	@	x								x		
Penn State U-Behrend College	08	15		x	@	@	x	x	@	@	@	x	x	x	@	@	x								x		
Penn State U-Berks Campus	27	15		@	@	@	@	x	x	x	@	@	@	@	@	@	@								x		
Penn State U-Capital Campus	06	2																					x	x			
Penn State U-Delaware County Campus	27	15		@	@	@	@	@	@	@	@	@	@	x	@	x	@								x		

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Penn State U-Dubois Campus	25	16		@	@	@	@	@	@	@	@	@	@	@	@	@	@	@							x		
Penn State U-Fayette Campus	25	14		@	@	@	@	@	@	@	@	@	@	@	@	@	@										
Penn State U-Hazleton Campus	28	16		@	@	@	@	@	@	@	@	@	x	@	x	x	@	@							x		
Penn State U-McKeesport Campus	07	12				x	x	@	x	x	@	x	x	@	@	@	@										
Penn State U-Mont Alto Campus	27	15		@	@	@	@	@	@	@	@	@	@	@	@	@	x								x		
Penn State U-New Kensington Campus	25	15		@	@	@	@	@	@	@	@	@	@	@	@	@	@								x		
Penn State U-Ogontz Campus	28	15		@	@	@	@	@	@	@	@	@	@	@	@	@	@								x		
Penn State U-Schuylkill Campus	25	15		@	@	@	@	@	@	@	@	@	@	@	x	x	x								x		
Penn State U-Shenango Valley Campus	25	16		@	@	@	@	@	@	@	@	@	@	@	x	@	@	x							x		
Penn State U-Wilkes-Barre Campus	27	16		@	@	@	@	@	@	@	@	@	@	@	@	@	@					@			@		
Penn State U-Worthington Scranton Campus	27	17		@	@	@	@	@	@	@	@	@	@	@	@	@	@	@				@			x		
Penn State U-York Campus	27	16		@	@	@	@	@	@	@	@	@	@	@	@	@	@					@			x		
Pennsylvania State University	02	20		@	@	@	@	x	x	x	x	x	x	@	@	x	@			x	x		x	x	x		@
Pennsylvania Valley Community College	28	4																				@	@	x	x		
Pepperdine University	12	21	@	@	x	x	x	x	x	x	x	x			x	@	x	@	@	@	x	x	x	@	@		
Peru State College	07	8													@				x		x	x		@	@	@	@
Pfeiffer College	20	2																	@	@							
Philadelphia Col of Pharmacy and Science	13	21	x	x	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@				
Philadelphia Col of Textiles and Science	13	20	@	@	x	x	@	@	@	@	@	@	@	@	@	x	x	x	x	x	x	x					
Philadelphia College of Bible	11	10				@	@									@	@	x	x	x		@	@	@			
Philander Smith College	35	9	@	x	x															@	x	@	@	@	@		
Phillips University	22	2																	@	@							
Pikeville College	20	5			@	@	@	@	x																		
Pine Manor College	11	23	x	x	@	x	@	@	x	@	@	@	x	@	x	@	@	@	@	@	@	@	@	x	@		
Pitt Community College	27	9													x	x	x	x	x	x	@		x	x			
Pittsburg State University	07	6	x		x					@	@	@	@														
Pitzer College	13	16		x	@	@	@	@	@	x	x	@	x	x	x	@	x	x							@		
Point Loma Nazarene College	20	3	x	x	x																						
Point Park College	11	5	@	@	@	@													x								
Polytechnic University	14	23	@	@	x	x		x	x	x	x	x	x		@	x	@	@	x	@	@	@	@	@	@	@	@
Pomona College	14	10			@		@		x								@	x	x	x	x			x	@		
Prairie State College	29	13												x	x	x	@	x	@	x	@	x	x	@		x	@
Prairie View A&M College	34	1				x																					
Pratt Institute	04	9															x		x	x	x	x	x		@	@	@
Presbyterian College	22	9	@	@	@	@	@		x	@			@				@										
Prescott College	13	3																	x	@	@						
Princeton University	06	25	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Providence College	18	3																		@	x	@					
Purdue University	02	5																					x	x	x	x	x
Queens College	21	11	@	@							@	x	@	x	@	@	@	@	@								
Quincy College	17	13	x	x	x	@	@	x	@	@	@	@	@	@	@												
Quinnipiac College	11	6	x		x	x	x	x	x																		
Quinsigamond Community College	28	9		x			x	x	@													@	@	@	@	x	
Radcliffe College	06	3																						x	@		x
Radford University	07	2					x	x																			
Rainy River Community College	25	18	@	@	@	@	@	x	x	@	@	@	@	@	@	@	@	@	@						@		
Ramapo College of New Jersey	08	13	x	@	@	x	x	x						x			x	x	x	x	@	x					
Randolph-Macon College	23	11				@	@	@	@			@	@					@	@	@	@	@					

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Randolph-Macon Woman's College	23	22	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		@		
Ranger Junior College	26	6																			@	@	x	@	@	x	
Rappahannock Community College	26	1															x										
Raritan Valley Community College	28	4												x	@		x	@									
Reed College	14	22	@		@	x	x	x	x	x	x	@	x	x	x	@	x	@	x	@	@	x		@	@		x
Regis College (MA)	13	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	
Regis College (CO)	16	8	@	x	x		x		@		@		@	x													
Reinhardt College	32	13	@	@	@	x	@	x									@	@	@	@	@	x	@				
Rensselaer Polytechnic Institute	06	9	x	@									@				@	@	@	x	@	@					
Rhode Island College	08	25	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@
Rhode Island School of Design	13	17	@	@	@	@	@	@	@	@	@	@	@		x	@	@								@	x	@
Rhodes College	23	7	@	@	x	@	@	@											@								
Rice University	06	13		x	x	x				x		x		@	@	x	@		@	@	@	@					
Richard Bland College	26	2																@	@								
Ricks College	33	2																								@	@
Rider College	12	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@
Ringling School of Art and Design	11	5		@	x	x	x	x																			
Rio Grande College/Community College	11	1																				x					
Ripon College	13	1										x															
Roanoke College	22	9	@	@	@	@	x	@							x	@	@										
Roanoke-Chowan Technical College	25	5									x	x	@	@	x												
Robert Morris College (OH)	15	1	x																								
Robert Morris College (PA)	11	11		@	@	@	x	@	@	x	x	x	x	x													
Roberts Wesleyan College	22	7	x	@	@	@	@	@											@								
Rochester Institute of Technology	12	7	@	@	@	x	x	x													x						
Rockford College	13	25	@	@	@	@	@	x	x	@	x	x	x	x	x	@	@	@	@	@	@	@	@	x	x	@	@
Rockhurst College	16	19	x					x	x	@	x	x	x	@	@	@	@	@	@	@	@	x	@	@	@		
Roger Williams College	11	7																x	x	x		x	x	@	x		
Rollins College	13	19	@	@	@	@	@	@	@	@	@	@	@	x	x	x							@	@	@	@	@
Rosary College	17	19	@	@	@	@	@	@	@	@	@	@	x	x	@	@	x	@	x	@	@						
Rosemont College	17	5	@	@													x	@	@								
Russell Sage College	12	20	@	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@					
Rutgers Camden College of Arts & Science	08	13	x	x	x	x	@	@	@	@		@	x	x	@	@											
Rutgers University-New Brunswick	03	2										x	x														
Rutgers University-Newark	03	4													@	@	@	x									
Sacramento City College	29	1																									x
Sacred Heart University	16	7	@	x													x	@	x	x	x						
Saginaw Valley State College	08	2													@	x											
Saint Alphonsus College	19	3										x	x	@													
Saint Andrews Presbyterian College	22	18	@	@	@	@	@	@	x	@	@	@	@	@	x	@	@	@	@	@							
Saint Anselm College	17	2																			@	@					
Saint Augustine's College	35	1																				x					
Saint Benedict College	16	2																						@	@		
Saint Bonaventure University	17	1						x																			
Saint Catharine College	30	19	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@						
Saint Edward's University	16	24	x	@	@	x	x	@	@	@	x	x	x	@	@	@	@	x	@	@		@	@	@	@	@	@
Saint Francis College	17	14	x	x	x	x		x	@	x	x	@	x	x	@	@				x							
Saint John College	17	9																	@	@	@	@	@	@	@	x	@
Saint John Fisher College	18	15	x	x	@	x											x	x	x	x	@	@	@	@	@	@	@

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Saint John's College (KS)	12	13						@	@	@	@	@	@	@	@	@	@	@	@	@							
Saint John's College (NM)	14	1																				@					
Saint John's University (NY)	04	4																x	@	@	@						
Saint John's University (MN)	18	23	@	@	@	@	@	@	x	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
Saint Joseph's College	17	23	x	@			x	@	@	@	@	@	@	@	@	@	x	@	x	@	@	@	@	@	@	@	@
Saint Joseph's University	18	8	x	@	@										x				@	@	@	@					
Saint Lawrence Seminary	30	3																						@	@	@	
Saint Lawrence University	13	9	x	@	@	@		@			@				@				x			@					
Saint Leo College	16	8	@	@	@	@	@						x	x	x												
Saint Louis Cmty Coll-Florissan Valley	29	8																	x	x	@	x	x	x	@	@	
Saint Louis Cmty Coll-Forest Park	28	4																x	x	x			@				
Saint Louis College of Pharmacy	13	3	@		@	x																					
Saint Louis Conservatory of Music	15	2																	x	x							
Saint Louis University	04	15	x				x			x				x			x	@	x	x	@	x	@	@	@	@	@
Saint Louis University-Parks College	11	9										@	x	@	x	x	x	@	x	x							
Saint Martin's College	16	3			x	x													@								
Saint Mary of the Plains College	16	18	x	x	x	x	@	@	x	@	@	@	x	@	x	@	@	@	@	x							
Saint Mary College	17	19	@	x	x	@	@	@	@	@	@	x	@	@	x	@	@	@	@	@	@						
Saint Mary's College (MD)	09	22	x	@	@	x	x	x	@	x	@	@	@	@	@	@	@	@	@	x			@		@	@	@
Saint Mary's College (MN)	16	20	@	@	@	x	x	x	x	x	@	@	@	x	x	x	x	@	@				@	@	@		
Saint Mary's College (CA)	18	24	@	@	@	@	@	@	@	@	x	x	x	x	x	x	@	@	@	@	@	@	@	x	@		x
Saint Mary's College (IN)	18	17	@	@	@	@	@	x	x	x		@	@	@	x	@	@	@	@	@							
Saint Mary's College	31	3	@	@	@																						
Saint Mary's College of O'Fallon	30	9									x			x	x	x	x	@	@	x	@						
Saint Mary's Dominican College	17	14												x	@	@	@	@	x	@	@	@	@	@	@	@	@
Saint Mary's Junior College	31	1																		@							
Saint Mary's University	16	7		x			@							@	x	@	x	@									
Saint Meinrad College	16	25	@	@	@	@	@	@	@	@	@	x	@	@	@	@	x	@	@	@	@	@	@	@	@	@	@
Saint Michael's College	18	3		@	@	x																					
Saint Norbert College	17	25	@	x	x	x	x	x	x	x	x	x	x	@	x	@	@	@	@	x	x	@	@	@	@	@	@
Saint Olaf College	23	4				@	@					@		@													
Saint Paul's College	30	14						@	@	@	@	@	@	@	@	@	@	@	@	@	@						
Saint Peter's College	16	2											@	@													
Saint Petersburg Junior College	29	2																		x							@
Saint Pius X Seminary	31	1																									@
Saint Vincent College	17	9	@	@	@	x	@	@	x	x	@																
Saint Xavier College	16	8															@	x	x	x	@	x	@	@			
Salem College (WV)	11	4												@	x	x	@										
Salem College (NC)	23	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@	@
Salem Community College	31	1													@												
Salisbury State College	07	5		@															x	x	@	@					
Sam Houston State University	07	4																x	@	@	x						
Samford University	21	1				x																					
San Francisco Art Institute	13	4					x	x									x		x								
San Francisco Conservatory of Music	15	0																									
San Jose City College	29	1																									@
San Luis Rey College	18	3																							@	@	@
Santa Barbara City College	29	3																					x		@		@
Santa Clara University	05	13	@	@	@	@	x	@							x	@	x	x	@	x	@						
Sarah Lawrence College	14	10	@		x	@									x	x	x		@	@	@	@					

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Schenectady County Community College	27	6												x	@		@		@	@	x						
School of the Art Institute of Chicago	12	8		x	@	x	x	x	x	x	@																
School of the Museum of Fine Arts	11	3				x	x	x																			
School of Visual Arts	11	2					x	x																			
Schreiner College	31	16					@	@	x	@	x		@	@	@	x	x	@	x	@	@	@	@				
Scripps College	13	23	@	@	@	x	x	x	x	@	x	x	x	x	x	x	x	@	x	x	x	x	x	x	@		
Seattle Pacific University	22	11	x					x	x	x	x	@	@	x	x	x	x										
Seattle University	17	15	x					x	x	x	@	@	@	x	x	x	x							@	x	@	@
Seton Hall University	04	8							x							x	x	x	@	x	x	@					
Seton Hill College	17	9	@	@	@	@	@	x	@								@				x						
Shaw College-Detroit	24	1																		x							
Shaw University	35	5											x	x	x			@		x							
Shepherd College	07	3																			x	x	@				
Shippensburg University	08	8		@		x		@		@	@	@	x					@									
Shorter College	20	3	@	@	x																						
Siena College	18	2														@						@					
Siena Heights College	16	1															x										
Silver Lake College	16	5										x	@	@	@	x											
Simmons College	13	18	@	x	@	@	@	x	x	x	x	x	@	@	@	@	@	@	@	@							
Simon's Rock of Bard College	15	6													@	@	x	@	@	@							
Simpson College (CA)	20	1																	@								
Simpson College (IA)	21	21	@	x	x	@	@	x	@	@	@	@	@	@	@	@	@	x	x	@	@	@	@				
Sinclair Community College	28	5																				@	@	@	@	@	
Sioux Falls College	22	2																@	x								
Skidmore College	13	16	@	@	@	x	@	@	x	@	@	@	@	@	@	@	@	@									
Slippery Rock University	08	3										@	x		x												
Smith College	14	15	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@										
Snow College	27	2							x					@													
South Carolina State College	34	8													@	@	@	x	x	@	x	@					
South Dakota State University	02	5	@	@	@	x	x																				
Southeast Missouri State University	07	7	@					x	x							x	x	x		x							
Southeastern Massachusetts University	08	6						@		@									@	x	@	@					
Southern Arkansas University	07	22	@	@	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	@	@			
Southern Baptist College	20	15	@	@	@	@		@	@	@	@	@	@	@	@	@	@	x									
Southern California College	20	1	x																								
Southern College of Technology	07	3			x	x	x																				
Southern Illinois U-Carbondale	01	7																x		x		@		@	@	@	x
Southern Illinois University-Edwrdsville	08	19	@	@	@	@	@	@	@	@	x	x	x	x			x	x	x	x	@	@	@				
Southern Methodist University	05	13	@	@	x												x	@	x	x	x	x	x	@	@		x
Southern Nazarene University	20	3														@	@	@									
Southern Oregon State College	07	1																	x								
Southern Seminary Junior College	31	3										@			@	@											
Southern Union State Junior College	28	1		x																							
Southern University-Baton Rouge	34	4	x																x	@	@						
Southern University-New Orleans	34	1											@														
Southern Vermont College	19	1	x																								
Southwest State University	07	9															x	x	x	x	x	@	@	x	@		
Southwest Texas State University	07	1					x																				
Southwestern Adventist College	20	1																x									
Southwestern College	22	15			@		x	@	x	x	x	x	x	@	@	@	@	@	@	x							

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Southwestern University	22	16	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@									
Spalding University	17	12				×		@	@								×	×	×	×	@	@			@	@	@
Spelman College	35	23	@	@	@	@	@	@	×	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@	@		
Spring Arbor College	21	14	@	@	@	@	×	@	@	@	@	@	@	@	@	@											
Spring Hill College	17	24	@		×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Springfield College	12	11	@	@													×	×			@	×	@	@	@	@	@
Springfield College in Illinois	31	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@		
Stanford University	06	18	@	@	@	@	@	@	@	@	@	@	@	@	@	@								×	×	×	@
Stark Technical College	27	1																@									
Stephen F. Austin State University	07	1																			×						
Stephens College	11	25	@	×	@	@	@	@	@	@	@	@	@	×	×	×	@	@	@	@	@	@	@	@	@	@	@
Stetson University	23	13	×	×	×	×	@	×	@	@	×	×	@	×								@					
Stevens Institute of Technology	13	25	@	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	×	@	@	@	@	@	@	@
Stillman College	35	2	@	@																							
Stockton State College	08	7	@	@					×							@	@	@	×								
Sue Bennett College	31	12		@	@	@	@	×	@	@	@	@							@	@	@						
Suffolk University	11	7	×	×	×	×	×	@	×																		
Sullivan County Community College	28	3											@	×										×			
Suomi College	32	12								@		@	@			@	×	@	@	@	@	@	@	@			
Susquehanna University	23	15	@	@	@	@	@	@	@	@	@	@	@						@	@	@	@					
Swain School of Design	11	2										@	@														
Swarthmore College	14	25	@	@	@	@	@	@	@	@	@	@	×	×	×	×	@	@	@	@	@	@	@	@	@	@	@
Sweet Briar College	13	19	@	@					@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
SUNY at Albany	03	1													@												
SUNY at Binghamton	03	16	@	@	@	@	@	@	@	@	@	@	@	@	@	×	×	×									
SUNY at Buffalo	03	10	@	@	@	@	@	@	@	@	@		@														
SUNY at Stony Brook	03	23	@	@	@	@	×	×	@	@	@	@	×	×	×	×	×	×	×	×	×	×			@	@	@
SUNY A&T College at Alfred	29	20	@	@			@	@	@	@	@	@	@	@	@	@	@	@			@	@	×	×	@	@	
SUNY A&T College at Canton	29	3										×		×	@												
SUNY A&T College at Cobleskill	29	19			@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	×	@				@	
SUNY A&T College at Delhi	29	24	@	×	×	×	×	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	
SUNY A&T College at Morisville	29	1										@															
SUNY College at Brockport	08	22	@	×	×	@	@	@	×	×	@	×	×	@	×	×	@	@		×	@	@	@	@	@		
SUNY College at Geneseo	09	23	@	@	@	@	@	@	@	@	×	@	@	@	×	@	@	@	@	@	@	@	@	@	@		
SUNY College at Oswego	09	12									×						@	×	@	@	×	×	×	@	@	@	@
SUNY College at Potsdam	09	22	@	×	×	×	×	×	@	@	@	@	×	×	@	@	@	@	@	×	@				@	@	@
SUNY College at Purchase	09	6		×	×		×		@	@	@																
SUNY College of Environ Scie & Forestry	07	2	@			×																					
SUNY College-Buffalo	09	3								@	@	@															
SUNY College-Cortland	09	7																		@	@	×		×	@	@	@
SUNY College-Fredonia	08	3											×	×	×												
SUNY College-New Platz	08	6		@			×				×	@	@	@													
SUNY College-Old Westbury	10	2												×				@									
Taft College	25	1						×																			
Talladega College	35	17				@			×	@	@	×	@	@	×	@	×	×		@	@	@	@	@	@		
Tarkio College	21	5																					×	@	@	×	×
Taylor University	12	3	@	×	@																						
Tennessee State University	34	2													×							@					
Texas A&I University	07	1															×										

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Texas Christian University	04	24	@	@	@	@	@	@	@	@	@	@	@		@	@	x	@	@	@	@	@	@	@	@	@	@
Texas College	35	1						x																			
Texas Lutheran College	21	4			@	@	@	x																			
Texas Southern University	34	6							x		x	@	x	x				x									
Texas Tech University	01	9				x			@		@	@											x	x	x	@	@
Texas Wesleyan College	20	4						@	@	@									@								
Texas Woman's University	01	1													@												
Thiel College	22	12			@	x	x	x	x	x	@	@	@	x	x	x											
Thomas More College	18	6	x	x	x			@	x		x																
Thomas Nelson Community College	27	1															@										
Tougaloo College	35	5	@		@	@	@	x																			
Touro College	11	5		x				x	x	x		x															
Towson State University	08	9	@	x	@	@	@	@	x	@	@																
Transylvania University	12	8														@	x			x	@	@	@	@	@		
Trenton State College	09	8	@	@	@	@	@	@												x	@						
Trevecca Nazarene College	20	1	x																								
Trinity Christian College	12	1																	@								
Trinity College (CT)	14	13	@	@	@	x	@	x	@	@	@	@		@	@	@											
Trinity College (VT)	16	2	@	@																							
Trinity College	17	24	@	@	@	@	@	@	@		@	@	@	@	@	x	x	@	@	@	@	@	@	@	@	@	@
Trinity University	23	15	x	@	x	@	@	@	x		@	@				x	x	@	x	@	x						
Tufts University	06	6		x			x												x				x		@		x
Tulane University	06	23	@	@	@	@	x	x	x	@	@	@	@	@		x	@	x	x	x	x	x		x	@	@	@
Tunxis Community College	27	2															x	@									
Tusculum College	11	2													@	@											
Tuskegee University	35	13	@	@	@	x	@	@	@	@	@	@	x	@	@												
Tyler Junior College	29	2																							x	@	
U of the Arts	12	16		x	x	@		@	@	@	@	x	x	x	x	x	x			x	@	@					
U of the District of Columbia	34	9			x							x	x	x	@	x		x	@	x							
U of the Pacific	04	21	@	x	@	@	@	@	@	@	@	@	@	@	@	@	x				x	x	x	x	@		x
U of the Sacred Heart	16	2																						x	x		
U of the South	23	8	@	@	x	x	x	@	@												@						
U of the Virgin Islands	34	1									@																
U of Akron	01	8																		x	x	x	x	x	@	@	@
U of Alabama	02	1			x																						
U of Alabama-Birmingham	01	2													x								x				
U of Alabama-Huntsville	02	11	x				@	@								@	@	@	x	@	@	@	@				
U of Alaska-Anchorage	10	1		x																							
U of Alaska-Fairbanks	01	8					x	x													x	x	x	x	@		x
U of Arizona	01	7	@	@	@	@	@	x	x																		
U of Arkansas-Little Rock	07	10		@			@	x	x	x	x	x	x	x	x												
U of Arkansas-Pine Bluff	34	24	x	x	@	@	@	@	x	x		@	x	x	x	x	x	x	@	x	@	x	x	x	@	x	@
U of Bridgeport	12	16	x	x	x	x	x	x	x	x	@	x	x	x	x		x	x	x								
U of California-Berkeley	03	23	x	x	x	x	x	x	x	x	x	x	x	x	x	@	@	@	x	x	x	x			x	x	x
U of California-Davis	03	6			@		x										@								x	x	x
U of California-Irvine	03	19			x	@	@	x	x	x	x	x	x	x	x	x	x	x	x	@					@	x	x
U of California-Los Angeles	03	22	@	@	@	@	@	@	x	@	x	x	x	x	x	x	x	@	@				@	x	x	@	x
U of California-Riverside	03	12			@				x			x	x	x	x	x							@	@	@	@	@
U of California-San Diego	03	5			@		@		x															x	@		

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
U of California-Santa Barbara	03	24	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	@	x	@	@	x	x	@	x	@
U of California-Santa Cruz	03	22	@	@	@	@	@	@	@	@	x	x	@		@	x		@	@	@	@	@	@	@	@	@	
U of Central Florida	08	5																		@		x	x	x	x		
U of Charleston	11	12		x	x	x	x												x	x		x	x	@	@	@	@
U of Cincinnati	02	4			x			x						@	x												
U of Colorado-Boulder	03	7			x	x																	x	x	x	x	x
U of Colorado-Denver	01	5																@	x	x	x		@				
U of Connecticut	02	13	@			@		@		@		x		x	@	@	@	x	x			x					@
U of Connecticut-Hartford	02	2						x				x															
U of Connecticut-Southeast	25	2						@				@															
U of Connecticut-Stamford	25	2						@				@															
U of Connecticut-Torrington	25	2						x				@															
U of Connecticut-Waterbury	27	2						x				x															
U of Dallas	18	7			x		x																x	@	x	x	@
U of Dayton	17	1																				@					
U of Delaware	02	22				@	@	@	@	@	x	@	@	@	@	x	@	@	x	@	x	@	x	@	@	@	@
U of Denver	04	19		@				x	x			x	x	x	@	x	@	x	x	x	@	x	x	@	@	@	@
U of Detroit	04	8													x		x			x			x	x	@	@	@
U of Evansville	22	5	@	x				x	x	x																	
U of Georgia	02	17				@	@	@	x	x	@	x	x	x	x	x				@	x			x	@	@	@
U of Hartford	12	11				@	@	x			@	@	@	@	x										@	x	x
U of Hawaii-Manoa	01	2	x	x																							
U of Houston-Univ. Park	01	4			x		x	x				x															
U of Idaho	01	4																		x	@					@	@
U of Illinois-Chicago Circle	08	4												x		x	x			x							
U of Illinois-Urbana-Champaign	03	12														@	@	x	@	@	x	@	@	@	@	x	x
U of Indianapolis	21	12			x	x	x	@	x	x	x	x	x	x	x	x											
U of Iowa	02	5																				x	@	@	@		x
U of Kansas	02	5																				x	x	x	@	x	
U of Kentucky	01	10															x	x	@	x	x	x	@		@	x	@
U of La Verne	21	17	@	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x								
U of Louisville	01	20	x	x	@	@	@	@	@	@	@	@	@	@	@	x					@	@	@	@	@		@
U of Maine-Augusta	27	4																		x	@	@	@				
U of Maine-Bangor	26	1																		x							
U of Maine-Farmington	07	3																		x	@	@					
U of Maine-Fort Kent	07	5															@	x		x	@	@					
U of Maine-Machias	07	17	@	@	@	x	@	x	@	@	x	x	x							x	@	@	x	@	@		
U of Maine-Orono	02	11	x	@	x	x			@	@	@	@								x	@	x					
U of Maine-Portland	08	5	x	x																x	x	x					
U of Maine-Presque Isle	07	9	@	x	x	@	x							@						x	@	x					
U of Mary Hardin Baylor	22	1			@																						
U of Maryland Eastern Shore	34	3											x	x			@										
U of Maryland-Baltimore County	08	8						@						@	x	x	@	@	x	@							
U of Maryland-College Park	02	1	@																								
U of Massachusetts-Amherst	03	23	@	@	@	@	@	@	@	@	@	@	@	@		@		x	@	@	@	@	@	@	@	@	@
U of Massachusetts-Boston	02	2							x								x										
U of Miami	04	15				@	@	@	@	@	@	@	@		@	@	@	@	@	@	@						
U of Michigan-Ann Arbor	03	11															x	@	x	x	x	x	@	@	@	@	@
U of Michigan-Dearborn	08	3												@	x					@							
U of Michigan-Flint	08	17	@	@	@		x	x	@		x	@	@	@	@	@	@	@	@	@	@						

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
U of Minnesota-Duluth	01	1															@										
U of Minnesota-Morris	08	6			x			x			x			x			@			x							
U of Minnesota-Twin Cities	02	2		x	x																						
U of Mississippi	01	4																						@	x	x	@
U of Missouri-Columbia	02	15			@	x	x	@	@	@	@	@	@	@									x	x	x	x	x
U of Missouri-Kansas City	01	21	@	@	@	@	@	@	x	@	x	x			x	@	x	x	@	@	@	x	@	@	@		
U of Missouri-Rolla	09	16	@	@	@	@			x		x	@		x			@	@	@		@		@	@	@	x	
U of Missouri-Saint Louis	01	20					x	x	x	x	x	x	@	x	x	x	x	@	x	@	@	@	@	@	@	x	
U of Nebraska-Lincoln	01	6																			x	x	x	x	x	@	
U of Nevada-Reno	01	6															@	x	x	x	@						@
U of New Hampshire	02	9				x			@							@		@	@					@	@	@	@
U of New Haven	11	3	x												@	x											
U of New Mexico	01	8	x								x		x										x	x	@	x	x
U of New Orleans	07	2																							@	x	
U of No. Carolina-Charlotte	08	1																@									
U of North Alabama	07	1	x																								
U of North Carolina-Chapel Hill	03	25	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	x	@	@	x	@	@	x	x	@	@
U of North Carolina-Greensboro	08	2			x	x																					
U of North Carolina-Wilmington	07	6	x						@				x	x	x	@											
U of North Dakota	02	24	x	x	@	@	@	@	@	@	@	@	@	x	@	@	@	x	@	@	x	x	x	@	@	@	
U of Northern Colorado	08	2																					@		x		
U of Northern Iowa	09	3									@					x	x										
U of Notre Dame	06	16	@	@	@	@	@	@		@	@	@	@	@			@	@	@	@	@						
U of Oregon	01	1														x											
U of Pennsylvania	06	16		x	@									x	x	x	@	x	x	x	@	x	x	x	@	@	@
U of Pittsburgh	02	13	@	@	@	x	x	x	@	@	x	x	x	x													@
U of Pittsburgh-Bradford	07	15	@	@	@	@	@	x	@	x	x	x	x	x	@	x		@									
U of Pittsburgh-Greensburg	27	11	@	@	@	@	@	@	@	@	@	@	@														
U of Pittsburgh-Johnstown	07	14	@	@	@	@	@	@	@	@			x	x	x	x	@				@						
U of Pittsburgh-Titusville	25	17	@	@	@	@	@	@	@	@	@	@	@		@	@	@	@	@			x					
U of Portland	04	7	x	x	x	x	x	x	x																		
U of Puerto Rico	01	3							x																	x	x
U of Redlands	22	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	@
U of Rhode Island	01	8		@										x	@	@	@							x	x		@
U of Richmond	13	10	@	@						@	@	@	@	@	@	x	@										
U of Rochester	05	25	@	@	@	@	x	x	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
U of San Diego	04	20	@	@	@	x	@	@	@	@	@	@	@	@	x	@	@	@						x	@	@	@
U of San Francisco	18	4	x	x	x																	@					
U of Science & Arts of Oklahoma	07	1					x																				
U of Scranton	18	11	@	@				x					@	@	x	@	@	@	@	@							
U of South Carolina	01	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	x	@	@	@	@	@
U of South Carolina-Aiken	07	13	x	@	@					x	x	x	@	@	@			@	@	x	@						
U of South Carolina-Beaufort	25	1				x																					
U of South Carolina-Coastal Carolina Col	07	19	x	@	x	x	@	x	x	x	x	x	@	@	@	x	@		x	@	@	@					
U of South Carolina-Lancaster	25	8				@								@	x	x		@	@	@	@						
U of South Carolina-Salkehatchie	25	6	@	@	@	x							@								@						
U of South Carolina-Spartanburg	07	3	x	@																	@						
U of South Carolina-Sumter	25	1				x																					
U of South Carolina-Union	25	9	@	@	x	@									@	@	@			@	x						
U of South Dakota (SD)	02	1					x																				

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
U of South Dakota (SD)	07	4																×	@	@		@					
U of South Florida	07	3											@	@	@												
U of South Florida-New College	09	7		×	×	@	@	@											@	@							
U of Southern California	05	14	@	@	@	@	@	×	×	×			×		×	×	×	×	×								
U of Southern Colorado	07	3									×															@	@
U of Tampa	12	20	@	@		×	@	@	@	@	@	×	×	×					×	×	×	×	×	×	×	@	@
U of Tennessee-Chattanooga	08	3	×																		@	@					
U of Tennessee-Knoxville	01	21	@	@	×		×	@	×				@	@	@	@	@	@	×	@	×	×	×	×	@	@	@
U of Texas--Austin	02	1													×												
U of Texas-Arlington	07	1													@												
U of Toledo	01	3	@	×																		×					
U of Tulsa	04	10					×											×		×	×	×	×	×	@	×	@
U of Vermont	02	25	@	@	@	@	@	@	@	@	@	@	×	×	×	@	@	×	×	×	×	×	@	@	@	@	@
U of Virginia	03	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		×	@	@		@
U of Washington	03	6	×	×	×	×																				@	@
U of Wisconsin-Green Bay	08	1																			×						
U of Wisconsin-La Crosse	08	7		×														@					×	×	×	×	×
U of Wisconsin-Madison	03	1																									×
U of Wisconsin-Milwaukee	02	17			@	@	@	@	@	@	×			×	×	@	×	@	@	@	@	@					@
U of Wisconsin-Parkside	08	4	×	×													×	@									
U of Wisconsin-River Falls	07	1			×																						
U of Wisconsin-Superior	07	2															@	×									
U of Wisconsin-Whitewater	08	20	@	@	@	@	@	×	×	×	×	×	×	×	×	@	@					@	@	@	@	@	
U of Wyoming	01	6						×				×												@	@	@	@
Union College (NY)	14	17	@	×	@	×	@	×	@	@	@	@	@	@	@	@	×	@	@								
Union College (KY)	20	1																	@								
Union College	20	18						×	×	×	@		@	×	@	×	@	@	×	@	@	@	@	@	@	@	
United States Air Force Academy	09	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
United States Coast Guard Academy	09	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
United States Military Academy	09	24	@	@	@		@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
United States Naval Academy	09	18				@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@				
Unity College	11	5							×		×	×	@	@													
University College of Pace University	11	7				×			@				@		×		×		×				×				
Upsala College	22	10								×							×	×	×	@	@	@	×	@	@		
Urbana University	21	3															×	×	×								
Ursinus College	13	8		×	×	@	@				@	@	@	×													
Utah State University	01	2																								×	×
Utica College of Syracuse University	12	2																×	×								
Utica Junior College	34	11			×							@	@	@		@	@	×		@	@	@	@				
US Merchant Marine Academy	09	5												@	@		@	@		@							
Valley Forge Military Junior College	31	15	@	@				@	@	×	@		@	@	@	@	@	@	@	@	@						
Valparaiso University	23	25	@	@	@	@	@	@	@	@	@	@	@	@	×	@	@	@	@	@	@	@	@	@	@	@	@
Vanderbilt University	06	25	@	@	@	@	@	×	@	@	@	@	×	×	×	@	@	×	×	×	×	@	@	@	@	@	@
Vassar College	14	25	@	×	×	×	@	@	@	×	×	×	×	×	×	×	@	@	@	@	@	×	@	@	@	@	@
Vermont Technical College	27	5	@	@	@	@	@																				
Victoria College	27	18		@			@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@				
Villa Julie College	31	1												@													
Villa Maria College	16	1														@											
Villa Maria College of Buffalo	31	17	@	×	@	@	@								@	@	@	@	@	@	@	@	@	@	@	@	

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Villanova University	05	11	@	@	@	@	@	@	@		@			@						@	@						
Vincennes University	29	5						@	@	@	@	@															
Virginia Commonwealth University	01	14								x	x	@	@	@	x	@	@	x	x	x		x	x	x			
Virginia Intermont College	20	2				@													x								
Virginia Military Institute	08	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Virginia Polytechnic Inst and State U	02	21				@	@	@	x	x	x	x	@	x	@	@	x	@	@	@	@	@	@	x	@		x
Virginia State University	34	24	@	@	@	@	@	x	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	
Virginia Union University	35	16			@						x	x	@	x	x	@	@	@	@	x	x	@	@	@	@		
Virginia Wesleyan College	21	9	@	@	@	@	@	@	@	@	@																
Viterbo College	17	5															x	@	x	@	@						
Voorhees College (NY)	31	3																		@	x		@				
Voorhees College (SC)	35	1																x									
Wabash College	13	13	@							@	@	@	@	@	@	@	@	x	@	@	@						
Wagner College	22	13	@		x	x	x	x	x	@	x	@	x	x	x	@											
Wake Forest University	05	6	@	@			@		@			@	@														
Waldorf College	32	5	@	@	@	@	x																				
Walla Walla College	21	3															@	x	@								
Walsh College	17	21		x	x	x	x	@	x	@	x	x	@	@	@	x	@	@	@	@	@	@	@	@			
Warner Pacific College	20	2												x	@												
Warren Wilson College	21	4	@																x	@	@						
Washburn University of Topeka	07	2																								x	@
Washington and Jefferson College	13	11	@	@	@	@	@	@	x	@	@	@	@														
Washington and Lee University	14	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Washington College	13	13	x	@	@	@	@	@	@								x		x	x					x	@	@
Washington State University	02	10															x	x	x	x	x	x	x		@	@	@
Washington University	05	11												x	x	x	x	x		x	x	x			@	@	@
Wayland Baptist University	20	5																				@	@	x	x	@	
Wayne State University	01	8	@	@	@	x									x	x			x			@					
Waynesburg College	21	7	@	@										x	@					@	@	@					
Webb Institute of Naval Architecture	14	18	@	@					@	@	@	@	@	@	@	@	@	@	@	x	@	@		@	x		
Webber College	30	3																		x	x	x					
Weber State College	07	1								x																	
Webster University	12	20	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	@	x	@	x	@					
Wellesley College	14	23	x	x	@	@	x	@	@	@	@	@	x	x	@	x	@	@	x	x	x	@			@	@	@
Wells College	13	9	x	@	@	x	@	x	x							@			x								
Wentworth Institute of Technology	11	17	x		@	@	x		x				@	@		x	@	x	x	@	@	@			@	@	@
Wesley College	11	1						x																			
Wesleyan College	21	20	@	@	@	@	@	@	@	@	@	@	@	@	@	@			@	@	@				@	@	@
Wesleyan University	14	23	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		
West Chester University	08	9	@		@		@		@		@		@	@	@							@					
West Los Angeles College	28	1																	x								
West Virginia State College	07	17				x	x	x	x	x	x	x	x	@	@	@	@			x	x			@	@	x	
West Virginia University	01	7									@					x	x	@	@	x	x						
West Virginia Wesleyan College	21	1																@									
Westbrook College	12	4	x	x	x	x																					
Western Baptist College	24	1													x												
Western Carolina University	07	8															x	@	@	@	x	x	@	@			
Western Connecticut State University	08	1	x																								
Western Illinois University	08	21					x	x	x	x	x	x	x	x	x	@	x	x	@	@	@	@	@	@	@	@	@

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Western New England College	11	25	@	x	x	x	x	x	x	@	@	@	@	x	@	@	x	x	x	x	@	@	x	x	@	x	@
Western New Mexico University	07	4	x			x								@	@												
Western Oregon State College	07	2	x					x																			
Western Washington University	09	5		@				@				@					@					x					
Western Wyoming College	27	9					x			x									x	@	@	x	x	@	x		
Westfield State College	08	5	@											x	@	@	@										
Westmar College	21	12	x	@	@	@	@				@	@	@	@					@	@	@						
Westminster College (UT)	21	3										x				x	x										
Westminster College (MO)	22	18	@	@	@	@	@	@	@	@	@	@	@	@	@	@		@	x				@	@			
Westminster College	22	16	@	@	@	@	@	@	@	@	@	@	@	@	@					@	@	@					
Westmont College	13	3	x	x	@																						
Wharton Community Junior College	28	22		@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		@	@	
Wheaton College (IL)	13	7		@		@		@		@		@		@	@												
Wheaton College (MA)	13	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@		@	@	@	@	@	@
Wheeling Jesuit College	16	12	x	x	x	@	@	@	@						@		@	@	@	@							
Wheelock College	11	8			@					@	@	x	@	@	@	@											
Whitman College	13	25	x	x	@	@	x	@	x	@	x	x	x	x	x	x	@	@	@	@	@	@	@	@	@	@	@
Whittier College	13	17		@	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@							
Whitworth College	12	4					@	@	@	x																	
Widener University	13	2																@	x								
Wilberforce University	35	9		@	@	@						x	@	@	@	@					x						
Wiley College	35	1			x																						
Wilkes College	13	9	@	@	@	@	@	@	@	@	x																
Willamette University	13	19	@	@	@	@	@	x	x	x	x	x	@	@	x	@	@	@	@	@	@						
William Carey College	20	14		x	x											x	x	x	x	x	x	x	x	x	@	@	@
William Jewell College	22	11		@	@	@	@	@	@	@	x	x	x	@													
William Paterson College	07	15		x	@	@	@	@	@	@	@	@	@	x	x	@	@	x									
William Woods College	12	1	@																								
Williams College	14	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Williamsport Area Community College	29	9	@	@			@	@												@	@	x	x	@			
Willmar Community College	27	4											@	@	@			@									
Wilmington College	21	8	x	@	@	@	x	x	x	x																	
Wilson College	12	2										@			@												
Windham College	12	2																x							x		
Wingate College	11	24	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	
Winona State University	07	2	@	x																							
Winston-Salem State University	34	20		x	@	x	@		x			x	@	@	@	@	@	@	@	@	x	@	x	@	@	@	
Winthrop College	07	2																@	@								
Wittenberg University	22	25	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@
Wofford College	21	20	@	@						@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
Wood Junior College	31	10	@					x						x	@	@	@	@	@	@	@						
Woodbury University	11	7	x	x	x	x	x	x	x																		
Worcester Junior College	30	9														x	x			x		x	@	@	x	@	@
Worcester Polytechnic Institute	14	18	@	@	@	x	@	@	@	@	x	@	x	@	@	@	@	@	@	x							
Worthington Community College	25	19					@	@	@	@	@	@	@	@	x	@	@	@	@	@	@	@	@	@	@		
Wytheville Community College	26	1															@										
Xavier University (OH)	18	8	@					@										x	x	@	x	@		@			
Xavier University (LA)	35	18	x	@	x	x	x	x		@	@	@	x	@	@	@	@	@	@	x	@						

Institution	Strat Cell	# of Years	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66
Yale University	06	3																		×	×	×					
Yankton College	11	8							@	×												@	×	×	@	@	@
Yeshiva University	06	1																×									
Yuba College	28	13										@	@	@	×	×	×	@	×	@	@	×	@	@			

Appendix E

Precision of the Normative Data and Their Comparisons

Appendix E

The Precision of the Normative Data and Their Comparisons

So far as *random* errors are concerned, the standard error of a categorical percentage is a function of that group and the number of participants (unweighted) in the norm group. Approximate standard errors are presented for various item response percentages, by size of the norm group, are presented in Table E-1. If one allows for finite sampling and stratification, values would be somewhat lower. Primarily, however, stratification ensures some sampling in all sectors of higher education and provides a basis in the weighting procedures for disproportionate sampling of institutions. In comparisons involving item response, standard error of the difference is approximately equal to the square root of the sum of shared sampling errors.

A potentially important source of error in the stratification sampling is the nonrepresentativeness of the samples within each stratification cell. Although reasonable precautions are taken to minimize known sources of systematic bias, the data are subject to some unknown degree of constant and nonrandom sampling errors. A participating institution must be cautious when it compares its own summary data with the data for the corresponding national norms group, especially when the institution is small or when the campus has not surveyed all its entering freshmen.

While comparisons of data since 1975 with earlier published national norms from the first nine freshmen survey reports (1966-1974) are possible, it is recommended that such comparisons not be done until the publication of a revised set of norms for these earlier years that are based on the stratification scheme employed since 1975. Those who wish to compare the pre- and post-1975 data before the revised norms are available should keep in mind the following considerations:

1. In addition to the revised selectivity measures introduced in 1975, major changes in the stratification and weighting procedures were introduced in 1968 (the addition of cells for black colleges and the use of selectivity levels) and again in 1971 (the addition of cells for public and private universities, public and private black colleges, and the use of size in the stratification scheme for two-year institutions).

2. The *exact* wording of items on the survey instrument and norms reports should be examined carefully since certain items may not be comparable because of minor word changes over the course of the survey. Minor changes can and do affect the comparability of items on the questionnaire.

3. While every effort has been made to maximize the comparability of the institutional sample from year-to-year (repeat participation runs about 90 percent), comparability is reduced somewhat by (a) non-repeat participation, and (b) year-to-year variation in the quality of data collected by continuing institutional participants.

Table E-1

Standard Errors of Categorical Response Percentages for Norms Groups of Various Sizes[a]

Number of Actual Participants in a Norms Group[b]	Standard Error			
	1% or 99%	10% or 90%	25% or 75%	50%
2,500	.199	.600	.866	1.000
5,000	.141	.424	.612	.707
7,500	.115	.347	.500	.577
10,000	.100	.300	.433	.500
25,000	.063	.190	.274	.316
50,000	.044	.134	.194	.224
75,000	.036	.110	.158	.183
100,000	.031	.095	.137	.158
150,000	.026	.077	.112	.129
175,000	.024	.071	.104	.120

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[a] Assumes simple random sampling of students from an infinite population.

[b] To determine 1990 population counts, please refer to Table A-3, column 2.

Appendix F

Sample Profile Report Provided to Participating Campuses

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
FRESHMAN SURVEY INSTITUTIONAL SUMMARY FOR 1990

ACME UNIVERSITY
FIRST-TIME FULL-TIME

Page 1 of 16

Item Descriptions	Number of Respondents	FIRST-TIME FULL-TIME			Pub Univ-hi select			Public Universities		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
		(percentages)			(percentages)			(percentages)		
Number of Students (*)	5,156	48.6	51.4	100.0	49.6	50.4	100.0	48.9	51.1	100.0
Year Graduated from High School	5,129									
1990		99.4	99.2	99.3	98.4	99.0	98.7	97.3	98.4	97.8
1989		0.4	0.7	0.5	0.9	0.8	0.8	1.6	1.2	1.4
1988		0.0	0.1	0.1	0.3	0.1	0.2	0.4	0.2	0.3
1987 or earlier		0.1	0.1	0.1	0.3	0.1	0.2	0.6	0.2	0.4
H.S. equivalency (G.E.D. test)		0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1
never completed high school		0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Age on December 31, 1990	5,132									
16 or younger		0.3	0.2	0.2	0.0	0.1	0.1	0.0	0.1	0.1
17		5.1	6.0	5.6	3.1	3.9	3.5	2.1	2.6	2.3
18		76.4	80.4	78.5	75.9	81.2	78.6	70.3	79.3	74.9
19		17.3	12.6	14.9	19.3	13.9	16.6	25.3	17.1	21.1
20		0.7	0.7	0.7	1.2	0.6	0.9	1.4	0.7	1.1
21-24		0.1	0.0	0.0	0.4	0.1	0.2	0.7	0.2	0.5
25-29		0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
30-39		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40-54		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55 or older		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Racial Background (1)(2)	5,079									
White/Caucasian		45.0	44.3	44.6	77.8	74.7	76.2	86.3	82.8	84.5
Black/African-American		4.3	7.1	5.7	4.8	7.6	6.2	4.8	8.4	6.6
American Indian		1.3	1.8	1.6	0.9	0.9	0.9	0.9	1.0	0.9
Asian-American/Oriental		36.5	31.1	33.7	12.9	12.1	12.5	5.8	5.4	5.6
Mexican-American/Chicano		10.3	13.3	11.9	2.3	2.8	2.6	1.8	2.0	1.9
Puerto Rican-American		0.4	0.3	0.4	0.8	1.0	0.9	0.6	0.6	0.6
other		6.2	8.6	7.4	3.2	3.7	3.5	1.8	1.9	1.8
Average High School Grade	5,119									
A or A+		37.1	33.4	35.2	22.4	28.3	25.3	13.1	16.6	14.9
A-		32.8	34.5	33.7	25.4	27.3	26.4	16.6	18.6	17.6
B+		19.2	20.3	19.8	25.2	24.2	24.7	21.0	23.3	22.2
B		8.7	10.3	9.5	17.5	15.0	16.2	24.8	25.5	25.2
B-		1.4	1.0	1.2	6.2	3.8	5.0	13.5	9.2	11.3
C+		0.4	0.6	0.5	2.5	1.2	1.8	7.7	4.9	6.3
C		0.3	0.1	0.2	0.8	0.2	0.5	3.2	1.8	2.5
D		0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1
Miles from College to Home	5,018									
5 or less		2.5	2.1	2.3	2.7	1.9	2.3	4.1	3.8	4.0
6-10		2.9	3.2	3.0	2.7	2.8	2.7	5.6	6.6	6.1
11-50		27.7	25.6	26.6	18.7	18.0	18.3	23.0	23.4	23.2
51-100		14.2	13.0	13.6	19.7	19.9	19.8	21.0	22.1	21.6
101-500		38.2	38.8	38.5	46.8	47.2	47.0	39.0	36.4	37.7
more than 500		14.6	17.3	15.9	9.5	10.2	9.9	7.2	7.7	7.5

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
FRESHMAN SURVEY INSTITUTIONAL SUMMARY FOR 1990

ACME UNIVERSITY
FIRST-TIME FULL-TIME

Item Descriptions	Number of Respondents	FIRST-TIME FULL-TIME Male	Female	Total	Pub Univ-hi select Male	Female	Total	Public Universities Male	Female	Total
		(percentages)			(percentages)			(percentages)		
Estimated Parental Income	4,806									
less than $6,000		2.2	3.0	2.6	1.5	2.0	1.7	1.7	2.3	2.0
$6,000-$9,999		2.6	3.5	3.1	1.7	2.0	1.8	1.6	2.0	1.8
$10,000-$14,999		5.6	5.0	5.3	2.8	3.8	3.3	2.8	3.9	3.3
$15,000-$19,999		4.3	5.3	4.8	3.0	3.8	3.4	3.2	4.6	3.9
$20,000-$24,999		4.9	4.9	4.9	3.8	4.1	4.0	5.0	5.9	5.5
$25,000-$29,999		4.3	4.0	4.2	4.2	3.9	4.1	5.6	5.8	5.7
$30,000-$34,999		5.1	6.3	5.7	5.3	6.0	5.7	7.5	7.8	7.7
$35,000-$39,999		4.7	4.8	4.7	5.5	6.3	5.9	7.6	7.9	7.8
$40,000-$49,999		8.5	7.8	8.1	10.3	10.8	10.5	12.8	12.3	12.5
$50,000-$59,999		9.9	9.3	9.6	13.0	12.3	12.6	13.6	12.8	13.2
$60,000-$74,999		13.6	12.7	13.1	16.5	15.3	15.9	14.2	13.6	13.9
$75,000-$99,999		13.4	13.7	13.5	14.7	12.9	13.9	11.2	9.6	10.4
$100,000-$149,999		11.0	10.3	10.7	9.6	9.6	9.6	7.4	6.3	6.9
$150,000 or more		9.9	9.4	9.6	8.1	7.3	7.7	5.7	5.2	5.5
Status of Parents	5,141									
living with each other		78.9	74.2	76.5	76.8	75.3	76.1	75.6	73.0	74.3
divorced or separated		18.1	21.6	19.9	19.4	21.0	20.2	20.5	22.7	21.6
one or both deceased		2.9	4.1	3.5	3.8	3.7	3.8	3.9	4.3	4.1
Have Met or Exceeded Recommended Years of High School Study (3)										
English (4 years)	5,136	99.0	99.0	99.0	98.6	99.0	98.8	97.7	98.4	98.1
mathematics (3 years)	5,129	99.6	99.0	99.3	99.2	98.7	98.9	97.9	96.8	97.4
foreign language (2 years)	5,122	98.2	98.5	98.3	96.9	98.3	97.6	88.2	92.6	90.4
physical science (2 years)	5,018	74.3	60.7	67.4	70.4	61.3	65.8	63.7	52.7	58.1
biological science (2 years)	5,076	35.2	38.1	36.7	36.2	40.5	38.4	35.0	40.2	37.6
history/American govt (1 year)	5,062	99.4	99.3	99.4	99.4	99.3	99.3	99.3	99.1	99.2
computer science (1/2 year)	4,887	54.2	46.1	50.1	58.2	46.2	52.2	58.8	49.4	54.0
arts and/or music (1 year)	5,017	61.9	70.9	66.6	72.3	79.4	75.9	69.4	78.4	74.0
Racial Composition of Student's High School	5,133									
completely white		2.5	2.8	2.6	8.0	7.7	7.9	14.9	14.0	14.4
mostly white		45.1	44.0	44.5	62.7	58.8	60.7	64.6	61.6	63.1
roughly half non-white		33.1	32.8	33.0	20.8	23.9	22.4	14.9	17.1	16.0
mostly non-white		16.8	17.0	16.9	7.4	8.4	7.9	4.8	6.1	5.5
completely non-white		2.4	3.4	2.9	1.0	1.3	1.1	0.8	1.2	1.0
Racial Composition of Student's Neighborhood	5,097									
completely white		9.9	11.7	10.9	29.1	29.7	29.4	37.8	38.7	38.2
mostly white		55.6	51.8	53.7	53.1	50.3	51.7	49.4	46.1	47.7
roughly half non-white		16.1	18.0	17.1	8.4	9.2	8.8	6.1	6.5	6.3
mostly non-white		13.7	13.0	13.3	6.6	7.7	7.2	4.6	5.7	5.2
completely non-white		4.7	5.5	5.1	2.8	3.2	3.0	2.1	2.9	2.5

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
FRESHMAN SURVEY INSTITUTIONAL SUMMARY FOR 1990

ACME UNIVERSITY
FIRST-TIME FULL-TIME

Item Descriptions	Number of Respondents	FIRST-TIME FULL-TIME (percentages)			Pub Univ-hi select (percentages)			Public Universities (percentages)		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Activities Engaged in by Student During the Past Year										
attended a religious service....	5,118	67.2	74.8	71.1	75.5	81.9	78.7	78.8	84.8	81.9
was bored in class (4)..........	5,118	37.2	35.1	36.1	37.8	35.7	36.8	34.6	34.7	34.7
participated in demonstrations..	5,099	25.6	32.6	29.2	32.8	37.0	34.9	35.3	39.9	37.6
won varsity letter in sports....	5,093	50.9	39.0	44.8	57.8	46.6	52.2	59.7	47.9	53.7
didn't complete homework on time	5,121	66.6	61.5	64.0	72.7	64.8	68.7	71.9	64.8	68.2
tutored another student.........	5,088	73.3	74.7	74.0	60.8	65.6	63.2	53.5	56.0	54.8
did extra class work/reading (4)	5,123	13.4	16.9	15.2	10.0	12.3	11.2	8.8	12.6	10.7
studied with other students.....	5,124	91.0	93.0	92.0	87.3	90.9	89.1	86.4	91.0	88.8
was a guest in a teacher's home.	5,115	24.9	30.7	27.9	29.1	31.0	30.1	28.3	29.3	28.8
smoked cigarettes (4)..........	5,117	2.3	2.5	2.4	6.1	7.5	6.8	6.9	8.4	7.7
drank beer......................	5,109	46.9	39.4	43.0	65.8	55.0	60.4	66.2	57.3	61.7
drank wine or liquor............	5,106	42.7	51.0	47.0	59.4	64.7	62.1	57.9	64.6	61.3
stayed up all night.............	5,107	79.6	80.5	80.1	78.5	81.3	79.9	80.0	81.0	80.5
spoke other language at home (4)	5,122	32.1	30.6	31.3	14.0	14.2	14.1	7.6	7.9	7.7
felt overwhelmed (4)............	5,118	17.8	32.3	25.3	15.9	34.0	25.0	14.4	29.8	22.3
felt depressed (4)..............	5,119	8.5	12.2	10.4	7.1	10.8	9.0	6.2	10.2	8.3
studied in library (4)..........	5,123	13.2	15.8	14.6	10.3	12.6	11.5	8.9	12.0	10.5
performed volunteer work........	5,117	68.2	78.8	73.6	66.3	76.5	71.4	61.1	69.1	65.2
visited art gallery or museum...	5,113	60.3	70.7	65.7	60.9	68.6	64.8	55.1	61.8	58.6
took vitamins...................	5,120	53.8	57.8	55.8	53.0	56.9	55.0	53.4	56.3	54.9
came late to class..............	5,116	71.6	71.9	71.7	67.5	66.3	66.9	61.8	60.4	61.1
wore glasses or contact lenses..	5,121	50.4	54.0	52.2	46.8	54.8	50.8	46.1	56.8	51.6
played a musical instrument.....	5,101	40.6	47.6	44.2	40.7	45.5	43.1	38.8	43.9	41.4
checked out book from sch lib(4)	5,122	27.6	34.9	31.4	24.7	33.7	29.2	24.0	33.0	28.6
asked teacher for advice (4)....	5,119	28.3	35.2	31.9	28.6	35.7	32.2	26.4	33.3	29.9
Student's Religious Preference	4,969									
Baptist.........................		5.2	5.6	5.4	6.2	9.2	7.7	8.3	10.8	9.6
Buddhist........................		3.4	3.3	3.3	1.3	1.1	1.2	0.7	0.5	0.6
Congregational..................		0.4	0.9	0.7	1.1	1.1	1.1	1.3	1.6	1.4
Eastern Orthodox................		0.6	0.7	0.7	0.9	0.8	0.9	0.9	0.8	0.8
Episcopal.......................		1.4	1.8	1.6	3.2	3.7	3.4	2.2	2.6	2.4
Islamic.........................		1.1	0.9	1.0	0.8	0.4	0.6	0.5	0.3	0.4
Jewish..........................		7.0	6.7	6.8	7.9	7.1	7.5	4.8	4.4	4.6
LDS (Mormon)....................		0.7	0.4	0.6	0.4	0.2	0.3	0.4	0.3	0.4
Lutheran........................		2.3	2.0	2.1	3.1	3.2	3.2	7.3	7.3	7.3
Methodist.......................		2.4	3.0	2.7	5.9	7.2	6.6	8.3	8.8	8.6
Presbyterian....................		6.6	6.9	6.8	5.5	6.0	5.8	4.8	4.9	4.9
Quaker..........................		0.2	0.1	0.2	0.3	0.2	0.3	0.3	0.2	0.2
Roman Catholic..................		23.6	29.6	26.7	32.1	32.8	32.5	33.7	34.7	34.2
Seventh Day Adventist...........		0.3	0.5	0.4	0.2	0.3	0.3	0.3	0.3	0.3
other Protestant................		4.1	3.6	3.8	3.4	3.5	3.4	4.1	3.9	4.0
other religion..................		6.0	5.2	5.6	4.5	5.0	4.8	4.4	5.3	4.8
none............................		34.7	28.9	31.7	23.1	18.0	20.5	17.8	13.4	15.5
Born-Again Christian?	4,665									
no..............................		85.7	83.8	84.7	87.5	82.9	85.2	81.8	79.0	80.3
yes.............................		14.3	16.2	15.3	12.5	17.1	14.8	18.2	21.0	19.7

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
FRESHMAN SURVEY INSTITUTIONAL SUMMARY FOR 1990

ACME UNIVERSITY
FIRST-TIME FULL-TIME

Item Descriptions	Number of Respondents	FIRST-TIME FULL-TIME Male	Female	Total	Pub Univ-hi select Male	Female	Total	Public Universities Male	Female	Total
		(percentages)			(percentages)			(percentages)		
High School Accomplishments	5,156									
pres of 1 or more student orgs..		26.2	33.3	29.9	24.3	31.0	27.6	20.1	25.4	22.8
rated high in music contest.....		7.5	8.4	8.0	9.8	13.4	11.7	12.4	16.9	14.7
in speech/debate contest........		11.6	11.5	11.6	7.7	7.8	7.7	6.5	7.6	7.0
had a major part in a play......		8.9	12.7	10.9	12.0	14.7	13.4	12.3	14.0	13.2
won award in art competition....		8.7	10.6	9.7	9.4	11.2	10.3	9.8	10.8	10.3
edited a school publication.....		15.8	21.4	18.7	13.7	21.1	17.4	10.3	17.2	13.8
had original writing published..		19.9	23.5	21.8	18.8	23.1	21.0	14.8	18.5	16.7
won award in science contest....		9.9	6.5	8.2	9.4	6.6	8.0	7.2	4.9	6.1
member of scholastic honor soc..		71.8	78.4	75.2	53.3	65.9	59.6	35.4	45.7	40.7
Student Rated Self Above Average or Highest 10% in										
academic ability................	5,121	94.3	90.7	92.5	86.5	82.6	84.5	77.5	69.9	73.6
artistic ability................	5,120	37.2	36.4	36.8	32.1	28.9	30.5	31.4	26.7	29.0
competitiveness.................	5,120	79.3	65.4	72.1	71.1	53.6	62.3	73.0	50.9	61.7
cooperativeness.................	5,117	76.9	81.4	79.2	72.4	77.7	75.1	70.3	77.1	73.8
drive to achieve................	5,112	86.9	88.5	87.8	75.3	79.3	77.3	72.2	74.0	73.1
emotional health................	5,110	68.8	63.3	65.9	66.7	59.1	62.9	66.9	57.3	62.0
leadership ability..............	5,116	60.5	61.5	61.0	59.0	56.3	57.7	59.9	54.8	57.3
mathematical ability............	5,114	81.6	63.1	72.1	68.2	51.6	59.8	59.9	41.6	50.5
physical health.................	5,114	70.6	56.3	63.2	71.9	54.7	63.3	73.6	54.3	63.7
popularity......................	5,099	49.0	45.2	47.0	51.8	42.4	47.1	53.8	44.1	48.8
popularity with opposite sex....	5,092	43.7	40.0	41.8	48.3	38.5	43.4	50.3	41.2	45.6
public speaking ability.........	5,109	40.0	43.4	41.7	38.1	35.1	36.6	35.2	32.9	34.0
self-confidence (intellectual)..	5,107	81.1	67.9	74.3	71.3	56.8	64.0	65.9	51.3	58.4
self-confidence (social)........	5,110	52.9	51.5	52.2	51.5	44.3	47.9	52.3	45.3	48.7
understanding of others.........	5,108	73.1	81.5	77.4	69.2	78.6	74.0	66.8	76.0	71.5
writing ability.................	5,111	59.6	62.4	61.0	52.8	53.2	53.0	46.2	49.1	47.7
Prior Credit at This Institution	5,102									
no..............................		95.5	96.4	96.0	96.3	96.7	96.5	96.7	96.6	96.6
yes.............................		4.5	3.6	4.0	3.7	3.3	3.5	3.3	3.4	3.4
This College is Student's	5,135									
first choice....................		65.2	69.4	67.4	68.5	68.6	68.5	73.0	72.3	72.6
second choice...................		24.8	23.4	24.1	22.1	23.1	22.6	20.6	21.3	20.9
third choice....................		6.6	5.2	5.8	6.3	5.3	5.8	4.5	4.2	4.3
less than third choice..........		3.4	2.0	2.7	3.1	3.0	3.0	2.0	2.2	2.1
Number of Other Colleges Applied to for Admission This Year	5,146									
none............................		1.1	1.7	1.4	10.0	9.0	9.5	25.3	25.8	25.6
one.............................		4.1	3.9	4.0	9.7	10.5	10.1	15.1	16.4	15.8
two.............................		11.6	13.2	12.4	15.0	14.7	14.8	17.4	17.4	17.4
three...........................		21.1	20.1	20.6	19.0	18.6	18.8	16.1	15.7	15.9
four............................		20.6	19.5	20.0	16.4	16.1	16.2	10.2	9.4	9.8
five............................		15.2	15.5	15.4	12.2	12.3	12.2	7.0	6.4	6.7
six or more.....................		26.3	26.0	26.2	17.8	18.7	18.3	8.7	8.8	8.8
Permission to Use Student I.D.	4,834									
yes.............................		80.8	82.9	81.9	73.2	75.4	74.3	76.8	79.2	78.1
no..............................		19.2	17.1	18.1	26.8	24.6	25.7	23.2	20.8	21.9

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
FRESHMAN SURVEY INSTITUTIONAL SUMMARY FOR 1990

ACME UNIVERSITY
FIRST-TIME FULL-TIME

Item Descriptions	Number of Respondents	FIRST-TIME FULL-TIME Male			Pub Univ-hi select Male			Public Universities Male		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
		(percentages)			(percentages)			(percentages)		
HOURS PER WEEK IN THE LAST YEAR										
None										
studying or doing homework......	5,028	0.4	0.0	0.2	1.4	0.3	0.9	1.9	0.4	1.2
socializing with friends........	5,001	0.1	0.0	0.1	0.3	0.1	0.2	0.2	0.2	0.2
talking w/teacher outside class.	4,995	7.7	5.2	6.4	8.1	4.8	6.5	9.6	6.1	7.8
exercising or sports............	5,005	2.8	5.1	4.0	2.0	4.1	3.0	2.2	4.5	3.4
partying........................	4,987	19.7	22.2	21.0	11.6	14.5	13.0	11.4	13.9	12.7
working (for pay)...............	4,986	44.9	39.8	42.3	34.0	31.2	32.6	26.2	24.6	25.4
volunteer work..................	4,970	46.4	34.9	40.5	46.2	36.9	41.5	51.0	44.6	47.7
student clubs and groups........	4,982	17.7	8.8	13.1	22.9	10.2	16.5	33.4	17.9	25.4
watching TV.....................	5,003	4.1	6.2	5.2	4.2	6.2	5.2	3.9	5.4	4.7
Six or More Hours										
studying or doing homework......	5,028	63.8	70.6	67.3	48.4	61.3	54.9	39.2	50.5	45.0
socializing with friends........	5,001	74.6	73.4	74.0	83.4	80.9	82.2	82.5	80.2	81.3
talking w/teacher outside class.	4,995	3.0	4.3	3.6	3.9	5.0	4.5	3.6	4.7	4.2
exercising or sports............	5,005	54.3	39.7	46.8	60.6	41.4	50.9	61.7	40.2	50.7
partying........................	4,987	20.6	17.2	18.8	34.0	30.0	32.0	35.6	32.4	33.9
working (for pay)...............	4,986	40.5	46.9	43.8	54.1	57.6	55.9	62.5	65.4	64.0
volunteer work..................	4,970	4.2	7.2	5.7	5.2	7.1	6.2	4.5	5.9	5.2
student clubs and groups........	4,982	12.4	20.4	16.5	14.3	22.5	18.4	11.2	19.0	15.2
watching TV.....................	5,003	39.1	24.8	31.7	39.0	27.5	33.2	38.9	27.1	32.8
Sixteen or More Hours										
studying or doing homework......	5,028	17.7	24.1	21.0	10.1	16.0	13.1	6.3	9.8	8.1
socializing with friends........	5,001	28.4	25.7	27.0	39.8	33.6	36.7	38.9	34.1	36.4
talking w/teacher outside class.	4,995	0.2	0.4	0.3	0.4	0.6	0.5	0.5	0.7	0.6
exercising or sports............	5,005	16.0	8.9	12.3	21.3	10.9	16.1	22.3	11.0	16.5
partying........................	4,987	3.1	1.6	2.4	7.8	4.2	6.0	9.0	5.9	7.4
working (for pay)...............	4,986	19.5	20.9	20.2	31.3	27.9	29.6	39.4	37.1	38.2
volunteer work..................	4,970	0.9	1.3	1.1	1.4	1.4	1.4	1.3	1.2	1.2
student clubs and groups........	4,982	1.9	4.2	3.1	3.4	4.7	4.1	2.7	4.1	3.4
watching TV.....................	5,003	8.9	3.6	6.1	9.5	5.2	7.3	9.3	5.4	7.3
U.S. Citizen?	5,146									
yes.............................		82.5	84.7	83.6	91.9	92.7	92.3	96.4	96.8	96.6
permanent resident..............		16.2	14.4	15.3	7.1	6.6	6.8	3.2	2.9	3.0
no..............................		1.2	0.9	1.1	1.0	0.8	0.9	0.4	0.3	0.4
Native English Speaker	5,132									
yes.............................		69.0	71.7	70.4	87.1	87.5	87.3	93.6	93.8	93.7
no..............................		31.0	28.3	29.6	12.9	12.5	12.7	6.4	6.2	6.3
Residence Planned During Fall 1990	5,136									
with parents or relatives.......		8.7	7.5	8.1	8.0	6.6	7.3	15.2	15.3	15.3
other private home, apt, room...		8.7	8.1	8.4	2.3	1.9	2.1	4.2	3.3	3.8
college dormitory...............		75.7	77.0	76.4	86.5	88.5	87.5	77.0	79.2	78.1
fraternity or sorority house....		0.2	0.0	0.1	0.1	0.0	0.1	1.1	0.1	0.6
other campus housing............		5.8	6.2	6.0	2.9	2.7	2.8	2.2	1.8	2.0
other...........................		0.9	1.2	1.1	0.2	0.2	0.2	0.3	0.2	0.3

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
FRESHMAN SURVEY INSTITUTIONAL SUMMARY FOR 1990

ACME UNIVERSITY
FIRST-TIME FULL-TIME

Item Descriptions	Number of Respondents	FIRST-TIME FULL-TIME Male			Pub Univ-hi select Male			Public Universities Male		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
		(percentages)			(percentages)			(percentages)		
Highest Degreee Planned Anywhere	4,496									
none		0.5	0.0	0.3	0.5	0.5	0.5	0.8	0.8	0.8
vocational certificate		0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1
associate (AA or equivalent)		0.0	0.0	0.0	0.2	0.1	0.1	0.4	0.5	0.4
bachelor's (BA, BS)		7.2	8.5	7.9	14.9	13.5	14.2	27.6	24.6	26.1
master's (MA, MS)		36.6	36.7	36.6	38.8	40.8	39.8	39.4	40.2	39.8
PhD or EdD		29.0	25.1	27.0	21.7	20.4	21.1	15.7	15.4	15.6
MD, DO, DDS, DVM		16.8	18.1	17.5	13.5	13.8	13.7	8.8	10.0	9.4
LLB or JD (law)		9.1	10.3	9.7	9.1	9.8	9.4	5.7	6.9	6.3
BD or MDiv (divinity)		0.2	0.2	0.2	0.4	0.2	0.3	0.3	0.2	0.3
other		0.6	1.0	0.8	0.9	0.8	0.9	1.3	1.2	1.3
Highest Degree Planned at Freshman College	3,549									
none		0.6	0.6	0.6	1.1	1.0	1.1	1.7	1.8	1.8
vocational certificate		0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.2	0.1
associate (AA or equivalent)		0.0	0.5	0.3	0.4	0.6	0.5	1.2	1.3	1.2
bachelor's (BA, BS)		58.5	66.2	62.4	65.1	67.5	66.3	63.0	64.3	63.6
master's (MA, MS)		25.5	21.5	23.5	22.3	20.1	21.2	23.7	21.6	22.6
PhD or EdD		7.8	5.3	6.5	4.0	4.2	4.1	4.0	4.3	4.1
MD, DO, DDS, DVM		4.7	3.4	4.0	4.4	3.6	4.0	3.5	3.5	3.5
LLB or JD (law)		2.4	1.9	2.1	1.9	2.2	2.0	1.5	1.9	1.7
BD or MDiv (divinity)		0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2
other		0.4	0.6	0.5	0.7	0.7	0.7	1.2	1.0	1.1
Reasons Noted as Very Important in Deciding to Go to College										
parents wanted me to go	5,108	33.8	33.6	33.7	30.1	34.7	32.4	31.2	35.3	33.3
could not find a job	5,072	3.7	3.3	3.5	3.7	4.1	3.9	4.6	5.5	5.0
wanted to get away from home	5,072	18.6	20.5	19.5	19.3	20.3	19.8	16.8	18.7	17.8
get a better job	5,085	66.9	66.1	66.5	70.9	70.5	70.7	75.4	75.9	75.7
gain general education	5,109	67.5	81.1	74.5	62.9	77.0	70.0	56.2	71.0	63.8
improve reading and study skills	5,099	39.3	50.4	45.0	36.6	46.0	41.3	35.0	45.7	40.5
nothing better to do	5,055	4.0	1.8	2.8	4.2	2.4	3.3	3.1	1.8	2.4
become a more cultured person	5,100	47.8	63.9	56.1	41.4	56.5	49.1	35.0	49.3	42.4
make more money	5,072	66.2	56.6	61.2	69.9	60.5	65.1	76.1	69.3	72.6
learn more about things	5,107	78.8	88.1	83.6	73.5	83.6	78.6	69.4	79.7	74.7
prepare for grad/prof school	5,110	71.1	74.9	73.0	61.6	66.7	64.2	52.3	61.5	57.0
Reasons Noted as Very Important or Essential in Career Choice										
job openings regularly available	4,923	56.3	55.9	56.1	61.5	64.9	63.2	67.8	70.4	69.1
rapid advancement possible	4,935	58.0	50.8	54.3	60.8	53.3	57.0	66.0	59.4	62.6
high anticipated earnings	4,944	72.1	60.9	66.3	72.1	60.4	66.1	75.8	65.6	70.5
well-respected/prestigious job	4,948	64.5	60.5	62.4	63.3	59.1	61.2	65.6	63.6	64.6
great deal of independence	4,949	69.4	71.6	70.5	66.4	66.9	66.6	66.5	68.0	67.3
chance for steady progress	4,928	74.8	77.5	76.2	76.0	76.6	76.3	77.5	77.9	77.7
make important contrib to soc	4,953	68.3	78.8	73.7	64.4	77.7	71.1	62.0	75.7	69.1
can avoid pressure	4,931	29.1	27.9	28.5	30.5	30.9	30.7	32.9	33.2	33.1
can work with ideas	4,926	76.0	74.6	75.3	72.4	72.9	72.7	72.2	72.3	72.3
can be helpful to others	4,936	71.3	83.9	77.8	68.8	84.7	76.9	68.2	85.5	77.1
able to work with people	4,933	65.1	80.6	73.1	66.4	81.2	73.9	65.0	82.3	73.9
intrinsic interest in field	4,880	84.7	89.0	86.9	80.9	86.9	83.9	78.6	85.2	82.0
work would be challenging	4,926	76.5	84.0	80.3	72.4	80.4	76.5	70.5	78.4	74.6

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
FRESHMAN SURVEY INSTITUTIONAL SUMMARY FOR 1990

ACME UNIVERSITY
FIRST-TIME FULL-TIME

Item Descriptions	Number of Respondents	FIRST-TIME FULL-TIME (percentages)			Pub Univ-hi select (percentages)			Public Universities (percentages)		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Probable Career Occupation	4,842									
accountant or actuary		1.4	1.9	1.7	3.5	3.3	3.4	4.3	4.8	4.6
actor or entertainer		1.0	2.0	1.5	1.0	1.3	1.1	0.9	1.0	0.9
architect or urban planner		2.0	1.5	1.8	2.1	1.0	1.5	3.7	1.4	2.5
artist		1.2	1.4	1.3	1.1	1.5	1.3	1.6	1.9	1.7
business (clerical)		0.2	0.3	0.2	0.2	0.4	0.3	0.3	0.7	0.5
business executive (management)		11.3	8.0	9.6	12.2	8.3	10.2	11.1	7.9	9.5
business owner or proprietor		3.1	1.3	2.2	3.3	1.1	2.2	3.6	1.4	2.5
business salesperson or buyer		0.3	0.6	0.4	1.0	0.9	1.0	1.2	1.3	1.3
clergy (minister,priest)		0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0
clergy (other religious)		0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0
clinical psychologist		0.3	2.8	1.5	0.7	3.0	1.9	0.6	2.5	1.6
college teacher		0.8	0.6	0.7	0.9	0.6	0.8	0.5	0.4	0.4
computer programmer or analyst		2.5	0.7	1.6	2.5	0.9	1.7	2.3	1.0	1.6
conservationist or forester		0.2	0.1	0.2	0.5	0.4	0.4	0.8	0.4	0.6
dentist (including orthodontist)		0.5	0.6	0.5	1.2	0.5	0.9	0.9	0.6	0.8
dietitian or home economist		0.0	0.2	0.1	0.0	0.3	0.2	0.0	0.5	0.3
engineer		20.0	5.2	12.4	15.3	3.4	9.3	20.4	4.1	12.1
farmer or rancher		0.1	0.0	0.1	0.1	0.0	0.1	1.0	0.1	0.6
foreign service worker		1.0	2.1	1.6	1.1	2.3	1.7	0.6	1.4	1.0
homemaker (full-time)		0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1
interior decorator (incl design)		0.1	0.4	0.3	0.0	0.6	0.3	0.1	1.1	0.6
interpreter (translator)		0.0	0.4	0.2	0.0	0.4	0.2	0.1	0.3	0.2
lab technician or hygienist		0.0	0.0	0.0	0.1	0.3	0.2	0.1	0.3	0.2
law enforcement officer		0.2	0.2	0.2	0.5	0.1	0.3	1.1	0.2	0.6
lawyer (attorney) or judge		8.9	11.0	10.0	9.5	10.3	9.9	6.2	7.4	6.8
military service (career)		0.2	0.2	0.2	0.5	0.1	0.3	0.9	0.1	0.5
musician (performer,composer)		1.0	0.7	0.8	1.2	0.6	0.9	1.4	0.8	1.1
nurse		0.0	0.4	0.2	0.1	1.7	0.9	0.2	4.2	2.3
optometrist		0.3	0.6	0.5	0.4	0.3	0.4	0.3	0.3	0.3
pharmacist		0.6	1.2	0.9	1.0	2.2	1.6	1.6	3.0	2.3
physician		15.1	14.7	14.9	10.6	10.3	10.5	6.1	6.4	6.2
school counselor		0.1	0.2	0.1	0.1	0.3	0.2	0.1	0.4	0.3
school principal/superintendent		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
scientific researcher		5.4	3.5	4.4	4.1	2.8	3.4	2.5	1.8	2.2
social,welfare,recreation worker		0.0	0.4	0.2	0.2	0.9	0.5	0.2	1.3	0.8
statistician		0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
therapist (phys,occup,speech)		0.2	1.1	0.6	1.2	3.3	2.2	1.6	4.3	3.0
teacher (elementary)		0.1	1.2	0.7	0.2	2.7	1.5	0.4	5.4	3.0
teacher (secondary)		0.7	2.0	1.4	1.7	2.9	2.3	2.3	3.1	2.7
veterinarian		0.2	0.4	0.3	0.4	1.1	0.8	0.9	1.7	1.3
writer or journalist		1.3	3.6	2.5	2.1	3.8	2.9	1.9	3.2	2.6
skilled trades		0.4	0.1	0.2	0.5	0.1	0.3	0.5	0.1	0.3
other career		4.1	6.4	5.3	5.3	7.5	6.4	6.7	8.9	7.8
undecided		14.8	21.9	18.4	13.3	18.0	15.7	10.5	14.2	12.4
Twin Status	5,024									
no		99.0	98.4	98.7	98.5	98.2	98.4	98.4	98.3	98.4
yes-identical		0.3	0.6	0.5	0.6	0.7	0.7	0.6	0.6	0.6
yes-fraternal		0.7	1.0	0.8	0.9	1.1	1.0	1.0	1.1	1.0

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
FRESHMAN SURVEY INSTITUTIONAL SUMMARY FOR 1990

ACME UNIVERSITY
FIRST-TIME FULL-TIME

Item Descriptions	Number of Respondents	FIRST-TIME FULL-TIME Male	Female	Total	Pub Univ-hi select Male	Female	Total	Public Universities Male	Female	Total
		(percentages)			(percentages)			(percentages)		
PROBABLE MAJOR FIELD OF STUDY										
ARTS AND HUMANITIES	5,014									
art, fine and applied...........		1.1	2.5	1.9	1.2	2.5	1.9	1.9	2.9	2.4
English (language & literature).		1.8	2.9	2.4	2.0	3.7	2.9	1.1	2.0	1.6
history.........................		1.7	1.4	1.6	2.4	1.3	1.8	1.3	0.7	1.0
journalism......................		0.3	1.0	0.7	1.0	2.0	1.5	1.3	2.5	1.9
language/literature (ex English)		0.4	1.6	1.0	0.5	1.7	1.1	0.3	1.1	0.7
music...........................		0.9	0.9	0.9	0.8	0.7	0.7	1.1	0.9	0.9
philosophy......................		0.5	0.2	0.3	0.7	0.3	0.5	0.3	0.2	0.3
speech..........................		0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.2	0.1
theater or drama................		0.5	1.6	1.0	0.8	1.0	0.9	0.6	0.8	0.7
theology or religion............		0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0
other arts and humanities.......		0.3	1.4	0.9	0.6	1.0	0.8	0.6	1.2	0.9
BIOLOGICAL SCIENCES										
biology (general)...............		7.3	6.9	7.1	5.1	4.8	4.9	2.3	2.6	2.4
biochemistry or biophysics......		4.5	3.4	3.9	1.8	1.4	1.6	0.8	0.6	0.7
botany..........................		0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0
marine (life) science...........		0.5	1.1	0.8	0.8	1.1	0.9	0.6	0.6	0.6
microbiology or bacteriology....		0.7	0.9	0.8	0.5	0.5	0.5	0.3	0.3	0.3
zoology.........................		0.1	0.6	0.4	1.0	1.0	1.0	0.5	0.6	0.5
other biological sciences.......		1.1	1.9	1.5	0.8	0.8	0.8	0.7	0.6	0.7
BUSINESS										
accounting......................		1.4	2.0	1.7	3.4	3.3	3.4	4.8	5.1	4.9
business admin (general)........		6.5	4.7	5.5	6.5	3.4	4.9	5.9	3.8	4.8
finance.........................		1.7	0.9	1.3	3.4	1.4	2.4	3.3	1.2	2.2
marketing.......................		0.7	1.2	1.0	2.8	2.5	2.6	3.2	2.9	3.1
management......................		2.0	1.4	1.7	3.6	2.2	2.9	3.7	2.5	3.1
secretarial studies.............		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
other business..................		1.2	0.9	1.1	1.3	1.1	1.2	1.5	1.3	1.4
EDUCATION										
business education..............		0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1
elementary education............		0.0	0.7	0.4	0.0	2.4	1.2	0.3	4.9	2.7
music or art education..........		0.0	0.0	0.0	0.1	0.3	0.2	0.3	0.5	0.4
physical education or recreation		0.1	0.0	0.0	0.3	0.3	0.3	0.5	0.4	0.4
secondary education.............		0.2	0.7	0.5	0.9	1.6	1.3	1.3	1.9	1.7
special education...............		0.0	0.1	0.1	0.0	0.3	0.2	0.1	0.8	0.4
other education.................		0.0	0.2	0.1	0.0	0.3	0.2	0.1	0.4	0.3
ENGINEERING										
aeronautical/astronautical eng..		3.7	0.5	2.1	2.3	0.4	1.3	3.2	0.6	1.9
civil engineering...............		2.3	1.5	1.9	1.8	0.5	1.1	2.6	0.5	1.5
chemical engineering............		2.2	0.9	1.5	1.3	0.5	0.9	1.9	0.8	1.3
electrical engineering..........		7.0	0.9	3.9	4.8	0.7	2.7	5.5	0.7	3.0
industrial engineering..........		0.5	0.1	0.3	0.2	0.1	0.2	0.6	0.2	0.4
mechanical engineering..........		5.3	0.7	2.9	3.2	0.3	1.7	5.9	0.5	3.1
other engineering...............		2.7	1.0	1.8	1.9	0.7	1.3	2.9	1.0	1.9

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
FRESHMAN SURVEY INSTITUTIONAL SUMMARY FOR 1990

ACME UNIVERSITY
FIRST-TIME FULL-TIME

Item Descriptions	Number of Respondents	FIRST-TIME FULL-TIME			Pub Univ-hi select			Public Universities		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
		(percentages)			(percentages)			(percentages)		
PROBABLE MAJOR FIELD OF STUDY										
PHYSICAL SCIENCES										
astronomy		0.4	0.3	0.4	0.4	0.2	0.3	0.3	0.1	0.2
atmospheric science		0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.1
chemistry		1.4	1.4	1.4	1.7	1.2	1.4	0.9	0.6	0.8
earth science		0.3	0.1	0.2	0.5	0.2	0.4	0.3	0.1	0.2
marine science		0.2	0.4	0.3	0.2	0.3	0.2	0.1	0.2	0.2
mathematics		1.8	1.4	1.6	1.3	1.3	1.3	0.8	0.7	0.7
physics		2.3	0.3	1.3	1.8	0.3	1.1	1.0	0.2	0.6
statistics		0.2	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1
other physical sciences		0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
PROFESSIONAL										
architecture or urban planning		2.2	1.2	1.7	1.5	0.8	1.1	3.1	1.3	2.2
home economics		0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.5	0.3
health technology (med,dent,lab)		0.7	0.9	0.8	0.7	0.9	0.8	0.6	0.9	0.7
library or archival science		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing		0.0	0.2	0.1	0.0	1.7	0.9	0.2	4.5	2.4
pharmacy		0.3	0.8	0.5	0.7	1.9	1.3	1.6	3.0	2.3
predent, premed, prevet		4.5	5.0	4.8	5.5	6.1	5.8	4.6	5.5	5.1
therapy (occup,phys,speech)		0.1	0.7	0.4	0.9	2.5	1.7	1.6	3.9	2.8
other professional		0.5	0.6	0.5	0.8	1.0	0.9	1.0	1.4	1.2
SOCIAL SCIENCES										
anthropology		0.2	0.3	0.3	0.3	0.5	0.4	0.2	0.3	0.3
economics		2.8	1.7	2.2	2.0	1.0	1.5	0.8	0.4	0.6
ethnic studies		0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.0
geography		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
political science		6.9	8.5	7.7	6.1	7.4	6.8	3.4	4.3	3.8
psychology		1.4	7.4	4.5	2.3	7.5	5.0	1.8	6.4	4.2
social work		0.0	0.3	0.1	0.0	0.5	0.3	0.1	0.8	0.5
sociology		0.3	0.9	0.6	0.3	0.7	0.5	0.2	0.5	0.4
women's studies		0.0	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0
other social sciences		0.1	0.6	0.4	0.2	0.4	0.3	0.2	0.3	0.2
TECHNICAL										
building trades		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
data processing or computer prog		0.4	0.1	0.2	0.6	0.1	0.4	0.6	0.2	0.4
drafting or design		0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3
electronics		0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0
mechanics		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other technical		0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
OTHER FIELDS										
agriculture		0.0	0.0	0.0	0.1	0.0	0.0	1.7	0.7	1.2
communications		1.4	4.3	2.9	1.6	2.8	2.3	1.7	2.7	2.2
computer science		2.3	0.7	1.5	2.2	0.7	1.4	1.7	0.9	1.3
forestry		0.1	0.0	0.1	0.2	0.1	0.1	0.4	0.1	0.3
law enforcement		0.1	0.2	0.2	0.4	0.2	0.3	1.2	0.5	0.8
military science		0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0
other field		0.2	0.8	0.5	0.6	1.0	0.8	0.9	1.5	1.2
undecided		8.7	13.2	11.0	8.0	11.5	9.8	6.3	8.9	7.7

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
FRESHMAN SURVEY INSTITUTIONAL SUMMARY FOR 1990

ACME UNIVERSITY
FIRST-TIME FULL-TIME

Item Descriptions	Number of Respondents	FIRST-TIME FULL-TIME			Pub Univ-hi select			Public Universities		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
		(percentages)			(percentages)			(percentages)		
Father's Education	5,062									
grammar school or less		6.3	7.3	6.8	2.9	3.5	3.2	2.6	3.0	2.8
some high school		4.2	4.1	4.1	3.6	4.1	3.8	4.1	4.7	4.4
high school graduate		7.9	9.3	8.6	12.9	13.7	13.3	21.0	22.5	21.7
postsecondary other than college		2.1	2.3	2.2	3.2	3.7	3.5	4.6	4.9	4.7
some college		12.4	12.5	12.4	12.2	12.4	12.3	14.9	15.1	15.0
college degree		24.4	25.7	25.1	26.8	26.5	26.6	25.8	24.4	25.1
some graduate school		3.9	4.5	4.2	4.5	4.2	4.3	3.3	3.1	3.2
graduate degree		38.9	34.2	36.5	33.8	31.9	32.9	23.8	22.3	23.0
Father's Occupation (5)	4,939									
artist (including performer)		1.0	1.3	1.1	1.3	1.2	1.2	0.9	0.9	0.9
business		30.7	30.1	30.4	34.2	31.9	33.0	32.7	30.4	31.5
clergy or religious worker		0.3	0.6	0.5	0.6	0.6	0.6	0.7	0.5	0.6
college teacher or administrator		2.0	2.0	2.0	2.1	1.7	1.9	1.1	1.0	1.1
doctor or dentist		7.5	5.9	6.7	4.9	4.6	4.7	3.1	2.9	3.0
education (secondary)		3.0	2.3	2.7	4.6	4.4	4.5	4.1	3.9	4.0
education (elementary)		1.1	0.4	0.8	1.1	1.0	1.1	1.1	0.9	1.0
engineer		12.2	12.9	12.6	10.5	10.2	10.3	9.6	9.2	9.4
farmer or forester		0.9	0.5	0.7	0.7	0.7	0.7	3.7	3.1	3.4
health professional (non-M.D.)		1.6	1.5	1.5	1.8	1.4	1.6	1.6	1.5	1.6
lawyer		3.8	3.4	3.6	3.3	3.7	3.5	2.3	2.3	2.3
military (career)		1.0	1.8	1.4	1.4	1.8	1.6	1.4	1.6	1.5
research scientist		1.9	1.6	1.7	1.5	1.0	1.3	0.9	0.7	0.8
skilled worker		4.7	5.5	5.1	6.4	6.2	6.3	8.9	8.2	8.6
semi-skilled worker		4.3	2.9	3.6	2.8	2.6	2.7	3.7	3.7	3.7
laborer (unskilled)		2.2	2.5	2.3	1.5	1.7	1.6	2.3	2.6	2.5
unemployed		3.2	3.2	3.2	1.5	2.2	1.9	1.6	2.2	1.9
other		18.6	21.4	20.0	19.9	23.1	21.5	20.3	24.6	22.5
Father's Religious Preference	4,643									
Baptist		4.5	4.5	4.5	6.8	9.2	8.0	8.7	10.2	9.5
Buddhist		7.3	6.6	6.9	2.4	2.3	2.4	1.0	0.9	1.0
Congregational		0.6	0.8	0.7	1.3	1.1	1.2	1.5	1.5	1.5
Eastern Orthodox		0.8	1.3	1.0	1.1	1.0	1.1	1.0	1.0	1.0
Episcopal		1.9	2.3	2.1	3.8	3.5	3.6	2.6	2.5	2.5
Islamic		1.4	1.1	1.3	0.9	0.7	0.8	0.6	0.4	0.5
Jewish		8.7	7.8	8.2	9.4	8.3	8.8	5.7	5.2	5.5
LDS (Mormon)		0.8	0.6	0.7	0.4	0.2	0.3	0.4	0.3	0.4
Lutheran		2.5	2.1	2.3	3.6	3.7	3.6	8.3	8.0	8.2
Methodist		2.7	3.2	2.9	6.8	7.6	7.2	9.0	9.3	9.2
Presbyterian		6.5	6.2	6.4	5.9	6.2	6.1	5.5	5.3	5.4
Quaker		0.3	0.2	0.2	0.3	0.2	0.3	0.3	0.2	0.2
Roman Catholic		27.0	29.0	28.0	34.0	33.5	33.7	34.7	35.1	34.9
Seventh Day Adventist		0.5	0.5	0.5	0.3	0.3	0.3	0.3	0.2	0.3
other Protestant		4.2	4.3	4.2	4.2	4.2	4.2	4.7	4.4	4.6
other religion		5.5	4.6	5.0	3.9	4.2	4.0	3.7	4.3	4.0
none		25.0	25.0	25.0	15.0	13.9	14.4	11.8	11.2	11.5

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
FRESHMAN SURVEY INSTITUTIONAL SUMMARY FOR 1990

ACME UNIVERSITY
FIRST-TIME FULL-TIME

Item Descriptions	Number of Respondents	FIRST-TIME FULL-TIME Male	Female	Total	Pub Univ-hi select Male	Female	Total	Public Universities Male	Female	Total
		(percentages)			(percentages)			(percentages)		
Mother's Education	5,091									
grammar school or less		6.6	7.7	7.2	3.1	3.8	3.4	2.3	2.7	2.5
some high school		5.2	4.5	4.8	3.5	3.5	3.5	3.3	3.8	3.5
high school graduate		14.5	13.4	13.9	20.6	19.9	20.3	29.1	29.5	29.3
postsecondary other than college		3.8	4.3	4.0	6.3	6.9	6.6	7.3	8.0	7.7
some college		17.2	18.7	18.0	15.5	16.3	15.9	17.1	18.4	17.8
college degree		29.9	28.0	28.9	28.6	28.3	28.5	24.8	22.6	23.7
some graduate school		4.7	5.7	5.2	5.0	4.9	4.9	3.7	3.4	3.6
graduate degree		18.2	17.7	17.9	17.5	16.4	16.9	12.5	11.6	12.0
Mother's Career (5)	4,978									
artist (including performer)		2.7	2.2	2.4	2.2	2.0	2.1	1.7	1.8	1.8
business		17.6	17.5	17.6	14.6	14.2	14.4	14.2	14.7	14.4
business (clerical)		6.9	6.5	6.7	7.7	8.6	8.1	9.6	10.1	9.8
clergy or religious worker		0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
college teacher or administrator		0.8	0.9	0.9	0.7	0.7	0.7	0.5	0.5	0.5
doctor or dentist		1.8	1.1	1.4	1.0	0.7	0.8	0.6	0.5	0.6
education (secondary)		4.9	4.1	4.5	6.2	6.0	6.1	5.0	4.4	4.7
education (elementary)		7.8	7.4	7.6	9.9	9.0	9.4	8.2	7.3	7.7
engineer		0.7	0.5	0.6	0.4	0.3	0.4	0.3	0.2	0.2
farmer or forester		0.2	0.0	0.1	0.1	0.1	0.1	0.6	0.4	0.5
health professional (non-M.D.)		2.4	2.9	2.6	2.5	2.7	2.6	2.3	2.4	2.3
homemaker (full-time)		16.8	16.7	16.8	14.8	14.8	14.8	14.6	15.0	14.8
lawyer		0.8	0.9	0.8	0.7	0.5	0.6	0.4	0.3	0.4
nurse		4.4	5.1	4.8	7.3	7.5	7.4	7.9	7.8	7.9
research scientist		0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
social/welfare/recreation worker		1.5	1.1	1.3	1.9	1.7	1.8	1.7	1.4	1.6
skilled worker		1.9	2.4	2.1	2.1	1.9	2.0	2.5	1.8	2.1
semi-skilled worker		3.3	2.4	2.9	2.7	2.1	2.4	3.0	2.3	2.6
laborer (unskilled)		1.9	2.3	2.1	1.4	1.5	1.4	1.7	1.7	1.7
unemployed		6.7	5.8	6.2	5.4	4.6	5.0	5.6	4.7	5.1
other		16.4	19.8	18.2	17.9	20.7	19.3	19.2	22.6	20.9
Mother's Religious Preference	4,735									
Baptist		4.8	4.8	4.8	7.1	9.4	8.2	9.1	10.8	10.0
Buddhist		8.1	7.5	7.8	2.7	2.7	2.7	1.1	1.0	1.1
Congregational		0.6	1.0	0.8	1.4	1.3	1.4	1.6	1.7	1.7
Eastern Orthodox		0.7	0.9	0.8	1.0	1.0	1.0	0.9	0.9	0.9
Episcopal		2.5	2.6	2.6	3.9	4.1	4.0	2.7	2.9	2.8
Islamic		1.3	1.1	1.2	0.8	0.6	0.7	0.5	0.3	0.4
Jewish		8.9	7.7	8.3	9.2	8.0	8.6	5.6	5.0	5.3
LDS (Mormon)		1.2	0.6	0.9	0.4	0.2	0.3	0.5	0.3	0.4
Lutheran		2.7	2.4	2.6	3.8	3.8	3.8	8.4	8.2	8.3
Methodist		3.3	3.5	3.4	7.4	8.2	7.8	9.6	10.2	9.9
Presbyterian		7.7	7.5	7.6	6.4	6.7	6.6	5.8	5.6	5.7
Quaker		0.1	0.0	0.1	0.3	0.3	0.3	0.3	0.2	0.3
Roman Catholic		28.3	33.3	30.9	36.0	35.4	35.7	36.6	36.5	36.6
Seventh Day Adventist		0.3	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3
other Protestant		4.9	4.4	4.7	4.5	4.2	4.4	4.9	4.5	4.7
other religion		5.9	5.1	5.5	4.0	4.4	4.2	4.0	4.9	4.4
none		18.6	17.1	17.8	10.7	9.3	10.0	8.0	6.8	7.4

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
FRESHMAN SURVEY INSTITUTIONAL SUMMARY FOR 1990

ACME UNIVERSITY
FIRST-TIME FULL-TIME

Item Descriptions	Number of Respondents	FIRST-TIME FULL-TIME			Pub Univ-hi select			Public Universities		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
		(percentages)			(percentages)			(percentages)		
Reasons Noted as Very Important in Selecting This College										
relatives wanted me to come.....	5,072	8.5	8.8	8.7	6.3	9.3	7.8	6.6	8.4	7.5
advice of teacher..............	5,051	2.7	2.9	2.8	3.1	3.5	3.3	2.9	2.9	2.9
good academic reputation........	5,098	76.8	75.0	75.9	69.4	76.1	72.8	55.1	61.7	58.5
good social reputation..........	5,074	35.0	30.4	32.6	34.5	30.1	32.3	30.5	28.5	29.5
offered financial assistance....	5,011	13.7	16.9	15.3	12.8	15.2	14.0	15.1	18.5	16.8
offers special programs.........	5,036	13.3	23.0	18.3	14.8	23.4	19.1	14.7	22.9	18.9
low tuition.....................	5,059	20.6	22.4	21.5	34.2	33.8	34.0	26.1	27.6	26.9
advice of guidance counselor....	5,022	3.4	3.3	3.3	5.9	5.9	5.9	5.4	5.4	5.4
wanted to live near home........	5,061	9.6	12.0	10.8	9.3	12.5	10.9	12.9	17.7	15.4
friend suggested attending......	5,042	4.5	4.7	4.6	5.7	5.4	5.6	7.3	7.6	7.4
recruited by college rep........	5,003	1.5	1.2	1.4	2.2	1.5	1.8	2.3	1.8	2.0
recruited by athletic department	4,988	2.4	2.1	2.3	4.4	2.3	3.3	4.0	1.8	2.9
graduates go to top grad schools	5,049	44.1	45.8	45.0	35.0	40.6	37.8	23.3	28.9	26.2
graduates get good jobs.........	4,988	49.9	49.8	49.8	47.8	52.1	49.9	42.8	46.7	44.8
religious affiliation of college	5,014	1.1	1.2	1.1	1.4	1.7	1.5	1.5	1.3	1.4
size of college.................	5,041	13.1	16.2	14.7	19.1	23.3	21.2	19.3	24.4	21.9
Students Estimate Chances Are Very Good That They Will										
change major field..............	5,054	20.8	27.4	24.2	18.2	23.2	20.7	15.2	18.9	17.1
change career choice............	5,053	16.7	24.2	20.5	16.5	22.2	19.4	13.5	18.1	15.9
fail one or more courses........	5,042	1.1	1.1	1.1	1.6	1.2	1.4	1.7	1.0	1.4
graduate with honors............	5,041	22.8	17.4	20.0	18.7	14.9	16.8	15.0	13.1	14.1
be elected to student office....	5,050	2.9	3.5	3.2	3.5	3.4	3.4	2.9	3.1	3.0
get job to pay expenses.........	5,053	36.7	47.2	42.1	32.4	38.3	35.4	34.9	42.6	38.8
work full-time while attending..	5,047	1.3	2.1	1.7	2.0	1.7	1.9	2.6	3.0	2.8
join social frat or sorority....	5,052	20.9	31.4	26.3	19.3	26.0	22.7	18.1	24.0	21.1
play varsity athletics..........	5,045	11.4	7.5	9.4	15.5	9.8	12.7	14.2	8.3	11.2
be elected to an honor society..	5,031	15.0	12.7	13.8	11.2	10.8	11.0	8.8	9.3	9.1
make at least "B" average.......	5,045	62.4	56.1	59.1	54.9	49.0	52.0	46.4	45.1	45.7
need extra time for degree......	5,033	9.4	12.3	10.9	8.1	9.2	8.7	10.0	10.9	10.5
get tutoring in some courses....	5,047	18.6	33.8	26.4	12.7	19.2	16.0	11.3	18.3	14.9
work at outside job.............	5,045	14.4	24.2	19.4	13.1	17.5	15.3	16.4	23.0	19.8
seek vocational counseling......	5,029	10.3	20.4	15.5	6.4	10.6	8.5	4.3	6.6	5.5
seek individual counseling......	5,033	4.3	7.2	5.8	3.3	5.1	4.2	2.9	4.3	3.7
get bachelor's degree...........	5,043	90.8	91.3	91.0	81.5	84.9	83.2	77.4	79.9	78.7
participate in student protests.	5,032	9.4	17.6	13.6	9.7	14.6	12.2	6.5	10.5	8.6
drop out temporarily............	5,040	1.0	0.4	0.7	1.3	0.9	1.1	1.0	0.6	0.8
drop out permanently............	5,033	0.5	0.2	0.3	0.8	0.5	0.6	0.8	0.4	0.6
transfer to another college.....	5,031	3.4	4.2	3.8	4.9	5.5	5.2	5.8	6.8	6.3
be satisfied with college.......	5,021	62.1	69.4	65.9	53.8	61.4	57.6	48.8	56.7	52.8
find job in own field...........	5,030	67.9	68.2	68.1	65.4	68.9	67.2	69.6	74.1	71.9
marry while in college..........	5,037	1.6	2.7	2.2	2.7	3.5	3.1	3.6	5.7	4.7
participate in volunteer/com svc	5,032	14.3	32.9	23.8	13.6	28.4	21.1	9.2	20.1	14.9

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
FRESHMAN SURVEY INSTITUTIONAL SUMMARY FOR 1990

ACME UNIVERSITY
FIRST-TIME FULL-TIME

Item Descriptions	Number of Respondents	FIRST-TIME FULL-TIME Male	Female	Total	Pub Univ-hi select Male	Female	Total	Public Universities Male	Female	Total
		(percentages)			(percentages)			(percentages)		
SOURCES FOR EDUCATIONAL EXPENSES										
Received Any Aid From										
parents or family...............	5,156	86.7	86.9	86.8	87.3	87.2	87.2	84.9	85.9	85.4
spouse..........................	5,156	0.3	0.2	0.2	0.5	0.1	0.3	0.6	0.4	0.5
savings from summer work........	5,156	57.3	57.8	57.6	62.7	62.0	62.3	66.2	66.6	66.4
other savings...................	5,156	35.2	35.2	35.2	34.6	34.1	34.4	37.9	38.8	38.4
part-time job on campus.........	5,156	28.6	31.7	30.2	20.7	23.4	22.1	20.0	24.5	22.3
part-time job off campus........	5,156	16.2	16.2	16.2	13.6	12.4	13.0	20.4	20.8	20.6
full-time job while at college..	5,156	0.9	1.0	1.0	0.9	0.8	0.8	1.7	1.8	1.8
Pell Grant......................	5,156	17.2	18.6	17.9	11.9	13.1	12.5	14.1	15.9	15.0
Supp Educational Oppty Grant....	5,156	4.6	5.3	5.0	4.7	4.9	4.8	4.8	5.5	5.2
state scholarship or grant......	5,156	18.4	19.8	19.1	21.6	20.4	21.0	14.5	15.2	14.9
College Work-Study Grant........	5,156	13.0	14.9	14.0	7.7	9.2	8.5	7.1	8.8	8.0
other college grant.............	5,156	23.8	27.9	25.9	16.0	17.9	17.0	16.2	18.7	17.5
other private grant.............	5,156	16.5	18.7	17.6	13.4	15.1	14.3	10.4	10.7	10.5
other govt aid (ROTC,BIA,GI,etc)	5,156	1.0	0.5	0.7	1.9	0.9	1.4	2.8	1.3	2.0
Stafford/Guaranteed Student Loan	5,156	14.8	15.5	15.1	12.2	11.3	11.8	16.5	16.8	16.6
Perkins Loan....................	5,156	9.2	11.1	10.2	6.2	6.5	6.3	6.2	6.8	6.5
other college loan..............	5,156	4.0	4.5	4.2	4.2	4.1	4.2	5.8	5.5	5.6
other loan......................	5,156	3.8	4.4	4.1	4.1	4.8	4.5	5.8	6.5	6.2
other...........................	5,156	2.3	3.8	3.0	2.2	3.2	2.7	2.8	3.6	3.2
Received $1,500 or More From										
parents or family...............	5,156	72.9	71.4	72.1	72.7	71.8	72.3	65.8	65.8	65.8
spouse..........................	5,156	0.0	0.1	0.1	0.2	0.1	0.1	0.3	0.1	0.2
savings from summer work........	5,156	7.9	7.5	7.7	11.7	8.3	10.0	14.0	9.1	11.5
other savings...................	5,156	8.8	7.7	8.2	7.9	7.7	7.8	8.6	7.8	8.2
part-time job on campus.........	5,156	4.2	4.4	4.3	1.8	1.6	1.7	1.6	1.5	1.6
part-time job off campus........	5,156	2.0	1.6	1.8	1.2	0.8	1.0	1.7	1.3	1.4
full-time job while at college..	5,156	0.4	0.4	0.4	0.4	0.2	0.3	0.6	0.5	0.6
Pell Grant......................	5,156	8.5	8.9	8.7	4.4	4.5	4.5	5.2	5.9	5.5
Supp Educational Oppty Grant....	5,156	0.9	1.4	1.1	1.0	0.9	0.9	0.9	0.9	0.9
state scholarship or grant......	5,156	8.3	7.8	8.0	4.1	3.8	3.9	3.2	3.3	3.3
College Work-Study Grant........	5,156	5.3	5.9	5.6	1.9	2.2	2.1	1.5	1.9	1.7
other college grant.............	5,156	7.9	9.3	8.6	6.2	6.6	6.4	6.4	7.0	6.7
other private grant.............	5,156	5.1	5.3	5.2	3.5	3.9	3.7	2.3	2.5	2.4
other govt aid (ROTC,BIA,GI,etc)	5,156	0.8	0.3	0.5	1.2	0.5	0.8	1.9	0.7	1.3
Stafford/Guaranteed Student Loan	5,156	8.6	8.1	8.3	6.7	6.1	6.4	9.6	9.7	9.7
Perkins Loan....................	5,156	4.3	4.6	4.4	1.8	1.5	1.7	1.6	1.6	1.6
other college loan..............	5,156	2.2	2.6	2.4	2.5	2.3	2.4	3.3	2.9	3.1
other loan......................	5,156	2.7	2.8	2.7	2.6	2.9	2.8	3.4	3.7	3.6
other...........................	5,156	1.1	1.3	1.2	0.9	1.2	1.0	1.2	1.4	1.3

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
FRESHMAN SURVEY INSTITUTIONAL SUMMARY FOR 1990

ACME UNIVERSITY
FIRST-TIME FULL-TIME

Item Descriptions	Number of Respondents	FIRST-TIME FULL-TIME Male	Female	Total	Pub Univ-hi select Male	Female	Total	Public Universities Male	Female	Total
		(percentages)			(percentages)			(percentages)		
Objectives Considered to Be Essential or Very Important										
achieve in a in performing art..	5,045	9.3	14.9	12.2	10.4	13.1	11.8	10.3	11.2	10.7
become authority in my own field	5,048	67.7	67.3	67.5	66.8	64.7	65.7	68.0	66.9	67.4
obtain recog from colleagues....	5,053	55.5	53.1	54.3	56.5	54.7	55.6	58.5	57.7	58.1
influence political structure...	5,046	23.6	23.8	23.7	25.3	23.5	24.4	22.3	20.2	21.2
influence social values.........	5,050	35.9	50.2	43.3	36.8	49.3	43.1	34.9	48.3	41.8
raise a family..................	5,046	72.5	69.9	71.1	70.7	70.7	70.7	68.8	69.6	69.2
have admin responsibility.......	5,028	40.0	36.2	38.1	40.4	36.7	38.5	42.8	41.6	42.2
be very well off financially....	5,056	77.8	66.7	72.1	75.4	66.2	70.7	78.5	70.8	74.6
help others in difficulty.......	5,053	55.0	70.4	63.0	52.2	71.0	61.7	49.5	70.5	60.3
theoretical contrib to science..	5,048	33.8	21.8	27.6	26.9	18.3	22.6	25.1	17.6	21.2
write original works............	5,048	14.6	17.0	15.8	15.2	15.2	15.2	13.4	13.0	13.2
create artistic work............	5,036	12.2	15.5	13.9	12.5	13.5	13.0	12.8	13.3	13.0
be successful in own business...	5,038	45.3	37.5	41.2	44.0	34.5	39.2	46.9	38.5	42.6
be involved in environ cleanup..	5,046	39.3	50.0	44.8	37.3	44.0	40.7	34.9	38.3	36.6
develop philosophy of life......	5,040	55.4	59.5	57.5	49.9	52.7	51.3	44.1	47.3	45.7
participate in community action.	5,028	24.6	42.2	33.7	23.2	35.9	29.6	21.0	30.6	25.9
promote racial understanding....	5,034	48.0	62.9	55.7	41.3	52.8	47.1	35.1	44.2	39.8
keep up to date with politics...	5,040	59.3	62.6	61.0	56.5	55.7	56.1	48.4	44.4	46.3
Political Views	5,021									
far left........................		2.3	1.9	2.1	2.6	1.4	2.0	2.2	1.4	1.7
liberal.........................		28.7	38.0	33.5	25.8	34.3	30.1	22.9	30.1	26.6
middle of the road..............		41.6	46.4	44.1	44.2	49.0	46.6	48.2	53.7	51.0
conservative....................		26.1	13.4	19.6	25.6	14.8	20.2	25.0	14.5	19.6
far right.......................		1.2	0.3	0.8	1.8	0.4	1.1	1.7	0.4	1.0
Agrees Strongly or Somewhat										
govt not protecting consumer....	5,019	59.7	67.4	63.7	61.7	70.9	66.3	62.8	71.3	67.1
govt not controlling pollution..	5,066	91.1	94.3	92.8	89.4	92.4	90.9	88.2	90.9	89.6
raise taxes to reduce deficit...	5,048	49.6	41.3	45.3	46.0	36.6	41.3	40.5	29.8	35.0
too much concern for criminals..	5,046	60.6	55.4	57.9	65.1	59.0	62.0	67.9	62.4	65.1
increase fed military spending..	5,055	12.2	8.0	10.0	18.1	12.0	15.0	20.6	14.5	17.5
abortion should be legal........	5,044	76.9	80.5	78.7	74.4	77.5	75.9	69.2	72.9	71.1
abolish death penalty...........	5,008	23.0	30.9	27.0	23.9	32.3	28.1	18.4	25.1	21.8
sex OK if people like each other	5,045	63.6	40.7	51.9	71.3	42.3	56.8	68.8	41.3	54.8
married women best at home......	5,039	19.5	10.3	14.8	25.0	14.8	19.9	26.6	16.5	21.4
marijuana should be legalized...	5,042	23.8	20.0	21.9	27.3	21.5	24.4	24.1	18.6	21.3
busing OK to achieve balance....	4,908	53.8	56.7	55.3	56.0	56.9	56.5	54.5	56.0	55.3
prohibit homosexual relations...	5,035	27.7	14.9	21.1	36.9	18.8	27.8	48.1	26.4	37.0
college increases earning power.	5,048	60.1	45.3	52.5	64.0	50.6	57.3	72.6	60.6	66.5
employers can require drug tests	5,042	73.1	72.7	72.9	71.8	74.6	73.2	76.5	78.5	77.6
control AIDS by mandatory tests.	5,014	47.2	48.3	47.8	54.5	56.3	55.4	60.4	62.3	61.3
man not entitled to sex on date.	5,048	87.6	95.3	91.6	84.8	95.1	90.0	81.4	94.6	88.2
fed govt do more control handgun	5,040	80.3	92.9	86.7	76.9	92.1	84.5	69.6	89.5	79.8
national health care plan needed	5,010	68.5	78.1	73.5	67.0	76.2	71.6	67.8	76.3	72.1
de-emphasize organized col sport	5,016	36.1	31.6	33.8	35.6	35.5	35.5	33.3	33.8	33.5
nuclear disarmament attainable..	4,997	63.9	65.8	64.9	61.2	64.5	62.9	62.6	63.1	62.8
publish all science findings....	5,007	52.4	48.5	50.4	56.1	50.1	53.1	55.3	49.3	52.3
students help evaluate faculty..	5,014	81.4	84.4	82.9	78.8	81.8	80.3	77.5	79.4	78.5
racial discrim no longer problem	5,062	12.0	8.0	9.9	16.4	11.4	13.9	20.4	14.9	17.6

ACME UNIVERSITY
FIRST-TIME FULL-TIME

Item Descriptions	Number of Respondents	FIRST-TIME FULL-TIME			Pub Univ-hi select			Public Universities		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
		(percentages)			(percentages)			(percentages)		
Question #40	1,807									
a		8.5	8.9	8.7						
b		25.3	20.8	23.1						
c		62.3	65.4	63.8						
d		2.7	3.4	3.0						
e		1.2	1.6	1.4						
Question #41	2,990									
a		31.4	33.8	32.6						
b		15.3	15.3	15.3						
c		34.1	34.4	34.2						
d		13.5	12.6	13.0						
e		5.7	4.0	4.8						
Question #42	2,625									
a		19.0	15.0	17.0						
b		17.1	22.3	19.6						
c		30.0	21.0	25.6						
d		25.9	26.8	26.3						
e		8.1	14.9	11.4						
Question #43	1,830									
a		10.7	9.2	9.9						
b		54.0	41.7	48.0						
c		4.7	2.9	3.8						
d		21.7	33.8	27.7						
e		8.9	12.4	10.6						
Question #44	3,034									
a		21.6	15.0	18.3						
b		32.9	31.5	32.2						
c		19.9	21.6	20.7						
d		16.4	17.1	16.7						
e		9.3	14.8	12.0						
Question #45	3,030									
a		20.5	10.3	15.4						
b		26.6	24.5	25.5						
c		17.5	23.5	20.5						
d		33.0	38.9	35.9						
e		2.4	2.9	2.6						
Question #46	3,028									
a		6.4	2.1	4.3						
b		16.4	11.7	14.0						
c		33.0	30.9	32.0						
d		31.8	37.1	34.4						
e		12.4	18.2	15.3						

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
FRESHMAN SURVEY INSTITUTIONAL SUMMARY FOR 1990

ACME UNIVERSITY
FIRST-TIME FULL-TIME

Item Descriptions	Number of Respondents	FIRST-TIME FULL-TIME			Pub Univ-hi select			Public Universities		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
		(percentages)			(percentages)			(percentages)		
Question #47	3,015									
a		34.6	34.5	34.6						
b		17.5	13.4	15.5						
c		29.0	25.7	27.4						
d		12.8	17.2	15.0						
e		6.1	9.1	7.6						
Question #48	3,020									
a		53.7	58.1	55.9						
b		21.2	24.5	22.8						
c		7.7	7.0	7.4						
d		9.5	7.5	8.5						
e		7.9	2.9	5.4						
Question #49	3,016									
a		31.0	38.9	34.9						
b		35.7	34.6	35.1						
c		23.3	20.3	21.9						
d		7.2	5.0	6.1						
e		2.8	1.1	2.0						

(*) Total number of valid forms received is indicated by the first number in this row.
Please note that comparisons between your Consortium data and National Norms should be made with caution, unless all insitutions in the Consortium are in the same Norms Group and have representative samples.
(1) Percentages will sum to more than 100 if any students checked more than one category.
(2) Because no black two-year colleges participated in 1990, the associated black enrollment is deflated in two-year college norms and inflated in four-year college norms.
(3) Based on the curriculum recommendations of the National Commission on Excellence in Education.
(4) Frequently only, all other items frequently plus occasionally.
(5) Recategorization of this item from a longer list is shown in Appendix C of THE AMERICAN FRESHMAN

Higher Education Research Institute/CIRP

Current Publications List

December, 1990

The American College Student, 1988 (15.00) ___
National Normative Data for 1984 and 1986 Freshmen. Provides information on the college student experience two and four years after college entry. Student satisfaction, talent development, student involvement, changing values and career choice, and retention are highlighted along with normative data from student responses to the Follow-up Survey of 1988. August, 1990/210 pages.

The American College Student, 1987 (15.00) ___
National Normative Data for 1983 and 1985 Freshmen. Provides information on the college student experience two and four years after college entry. Student satisfaction, talent development, student involvement, changing values and career choice, and retention are hihglighted along with normative data from student responses to the Follow-up Survey of 1987. September, 1989/130 pages.

The American College Student, 1985 (14.00) ___
National Normative Data for 1981 and 1983 Freshmen. Provides information on the college student experience two and four years after college entry. Student satisfaction, talent development, student involvement and retention are highlighted along with normative data from student responses to the Follow-up Survey of 1985. February, 1988/110 pages.

Predicting College Student Retention (8.00) ___
Comparative National Data from the 1982 freshman class. A practical guide for colleges interested in using registrar's data to predict student retention. Focus is on the entering freshmen class of 1982 using results from the 1986 Follow-up Survey. March, 1989/44 pages.

The Black Undergraduate (8.00) ___
Current Status and Trends in the Characteristics of Freshman. August, 1990/22 pages

The American College Teacher (12.00) ___
National Normative Data from the 1989-90 HERI Faculty Survey. Provides an informative profile of teaching faculty at American colleges and universities. Teaching, research activities and professional development issues are highlighted along with issues related to job satisfaction and stress. December, 1990/104 pages.

The American Freshman: Twenty-five year Trends Forthcoming, Spring 1991 (25.00)
Will provide trend data for entering freshmen classes on selected items of the CIRP survey from 1966-1990. The report highlights academic skills and preparation, demographic trends, high school activities and experiences, education and career plans, and student attitudes and values.

The American Freshman: National Norms
Provides national normative data on freshmen responses to the annual freshmen survey. Please check the year you wish to receive:

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1971	7.50 ___	1984	8.25 ___
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1976	7.50 ___	1989	19.00 ___
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